



Career Starter Results Guide

Your personalized breakdown of the career fields that match your strengths,
with paths, college programs, salary ranges, and free next steps.

thequasibox.com

- **The Innovator:** Technology & Engineering
- **The Healer:** Health & Biological Sciences
- **The Analyst:** Data & Mathematical Sciences
- **The Creator:** Art, Design & Communication
- **The Guardian:** Environmental & Earth Sciences
- **The Futurist:** Emerging Tech & AI

How to use this guide

This guide contains six career profiles, one for each major STEAM area. Your quiz result points you to your top 1–2 profiles. Read those first, then browse the others. The most exciting careers often sit at the intersection of two fields.

01 Find your top result(s)

Your quiz email names your top 1–2 profiles. Jump to those sections first.

02 Read the career fields

Each profile lists 4 specific careers with real salary ranges. Notice which make you curious.

03 Try the free activities

Each profile has 4 things you can do today. No experience, money, or equipment needed.

04 Research the colleges

5 colleges per field, including HBCUs and schools with strong career pipelines.

05 Use the pro interview questions

If you know anyone in one of these fields, these 3 questions get you a real conversation.

Take the quiz:

Haven't taken the Quasi Box Career Starter Quiz yet? Visit thequasibox.com/quiz, it takes 3 minutes and tells you exactly which profiles to read first.

The Innovator: Technology & Engineering

You build things that didn't exist before.

THE QUASI BOX BRAINERY

You scored highest in logical thinking, systems design, and problem-solving. You're the person who takes things apart to understand how they work and then figures out how to make them work better. You're drawn to challenges that have clear solutions, even if finding them takes time and iteration.

CAREER FIELDS

Career	What they do	Salary range
Software Engineering	Design apps, websites, and systems used by millions. From social media to medical devices, software engineers build it all.	\$75K–\$180K+
Electrical Engineering	Design circuits, microchips, and power systems. Every device with a battery or plug involves an electrical engineer.	\$72K–\$155K
Aerospace Engineering	Build aircraft, spacecraft, satellites, and propulsion systems. If it flies or orbits, aerospace engineers made it happen.	\$80K–\$165K
Civil Engineering	Design roads, bridges, water systems, and cities. Civil engineers shape the physical world we live in.	\$65K–\$135K

COLLEGE PROGRAMS TO EXPLORE

- **Georgia Institute of Technology:** top-ranked engineering programs
- **University of Michigan Ann Arbor:** strong CS + engineering
- **Purdue University:** aerospace and civil engineering powerhouse
- **Howard University:** HBCU with excellent engineering pipeline
- **Cal Poly San Luis Obispo:** hands-on 'learn by doing' philosophy

START TODAY — FREE ACTIVITIES

- Visit [Scratch.mit.edu](https://scratch.mit.edu) and build a simple animation. Free, no experience needed
- Go to [Tinkercad.com](https://tinkercad.com) and simulate a basic circuit or design a 3D object
- Watch 'How Microchips Are Made' on YouTube. The scale will blow your mind
- Challenge: build a popsicle stick bridge strong enough to hold a textbook

RECOMMENDED COLLEGE MAJORS

Computer Science	Electrical Engineering	Mechanical Engineering	Computer Engineering	Civil Engineering
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 What does a typical Tuesday look like for you? What are you actually doing all day?

- 2 What did you wish you'd known before choosing your engineering major?
- 3 What soft skills matter most in your field that aren't taught in school?

The Healer: Health & Biological Sciences

You're driven to understand life and protect it.

THE QUASI BOX BRAINERY

You scored highest in empathy, curiosity about living systems, and a desire to make a direct difference in people's lives. You're drawn to questions like: How does the body fight disease? What causes cancer to spread? How can we make healthcare more equitable? You find the complexity of biology fascinating rather than overwhelming.

CAREER FIELDS

Career	What they do	Salary range
Biomedical Science	Study the biology behind disease, develop new treatments, and conduct research that leads to medical breakthroughs.	\$60K–\$130K+
Health Informatics	Use data and technology to improve how healthcare is delivered, recorded, and analyzed across entire hospital systems.	\$65K–\$120K
Pre-Medicine (MD path)	Become a physician: diagnosing, treating, and caring for patients across any specialty from pediatrics to neurosurgery.	\$200K–\$350K+
Public Health	Work at the population level: designing programs and policies that improve community health outcomes.	\$55K–\$110K

COLLEGE PROGRAMS TO EXPLORE

- **Johns Hopkins University:** world-renowned for biomedical research
- **Morehouse School of Medicine:** HBCU focused on health equity
- **University of Florida:** strong pre-med and health informatics programs
- **Emory University:** exceptional public health and biomedical science
- **Xavier University of Louisiana:** #1 in sending Black students to med school

START TODAY — FREE ACTIVITIES

- Visit NIH.gov and read one article from their 'For the Public' health news section
- Download Visible Body (free trial), a 3D anatomy app for your phone
- Volunteer or shadow at a local clinic or urgent care. Even one afternoon changes your view
- Watch a TED Talk by a doctor or public health leader. The range of careers will surprise you

RECOMMENDED COLLEGE MAJORS

Biology	Pre-Medicine	Public Health	Health Informatics	Biochemistry	Nursing
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 What's the most unexpected part of your job that nobody talks about?
- 2 If you could go back and choose a different specialty, what would it be and why?
- 3 How do you handle the emotional weight of working with patients or difficult data?

The Analyst: Data & Mathematical Sciences

You find the story hiding in numbers.

THE QUASI BOX BRAINERY

You scored highest in pattern recognition, quantitative reasoning, and the ability to think in systems. You're the person who asks 'but what does the data actually say?' You're energized by finding structure in chaos and you're good at explaining complex findings in ways that help others make better decisions.

CAREER FIELDS

Career	What they do	Salary range
Data Science	Collect, clean, analyze, and visualize massive datasets to find insights that drive business strategy, scientific research, or public policy.	\$85K–\$175K+
Actuarial Science	Use statistics and math to assess financial risk for insurance companies, pension funds, and corporations.	\$75K–\$160K
Quantitative Finance	Apply mathematical models to financial markets: pricing derivatives, managing risk, building algorithmic trading systems.	\$100K–\$300K+
Statistics & Research	Design studies, analyze experimental data, and interpret results that inform medicine, policy, and social science.	\$65K–\$130K

COLLEGE PROGRAMS TO EXPLORE

- **Carnegie Mellon University:** top statistics and data science programs
- **University of Chicago:** world-class economics and statistics
- **Spelman College:** HBCU with strong STEM and data science pipeline
- **UC Berkeley:** excellent statistics and data science programs
- **University of Michigan:** top-ranked applied mathematics and data

START TODAY — FREE ACTIVITIES

- Go to [Data.gov](https://data.gov) and explore one public dataset that interests you
- Try Google Sheets: import a CSV and make a chart that tells a story
- Take the free 'Intro to Data Analysis' on [Kaggle.com](https://www.kaggle.com)
- Watch 'The Joy of Statistics' with Hans Rosling on YouTube

RECOMMENDED COLLEGE MAJORS

Statistics	Data Science	Mathematics	Economics	Computer Science	Actuarial Science
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 What tools do you use every single day and which ones did school not prepare you for?

- 2 How do you explain complex analyses to people who aren't comfortable with math?
- 3 What industries surprised you by how data-driven they've become?

The Creator: Art, Design & Communication

You make complex ideas beautiful and impossible to ignore.

THE QUASI BOX BRAINERY

You scored highest in visual thinking, communication, and the desire to create experiences that move people. You appreciate beauty and you understand why some designs work and others don't. You're the person who redesigns things in your head before you even realize you're doing it.

CAREER FIELDS

Career	What they do	Salary range
UX & Product Design	Design the apps, websites, and digital products billions of people use daily focusing on making them intuitive, beautiful, and accessible.	\$75K–\$165K+
Architecture	Design buildings, interiors, and public spaces that shape how people live, work, and move through cities.	\$60K–\$140K
Graphic & Brand Design	Create the visual identity of organizations: logos, campaigns, packaging, and the entire aesthetic language of a brand.	\$50K–\$120K
Digital Media & Animation	Create visual storytelling through film, 3D animation, game design, and interactive media.	\$55K–\$130K

COLLEGE PROGRAMS TO EXPLORE

- **RISD (Rhode Island School of Design):** top-ranked art & design school
- **Savannah College of Art & Design (SCAD):** strong industry connections
- **Carnegie Mellon:** top HCI/UX design program in the US
- **Howard University:** strong architecture and visual arts programs
- **Pratt Institute:** architecture, communications, and design

START TODAY — FREE ACTIVITIES

- Sign up for Figma (free education account) and design your first 3 app screens
- Redesign the home screen of your favorite app on paper — what would you change and why?
- Watch 'Abstract: The Art of Design' on Netflix, each episode is a different discipline
- Browse Behance.net and follow 5 designers whose work you admire

RECOMMENDED COLLEGE MAJORS

UX/Interaction Design	Architecture	Graphic Design	Industrial Design	Communications	Digital Media
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 How do you handle feedback or criticism on creative work and how has that changed?

2 How much of your day is actual designing vs. meetings, presentations, and revisions?

3 What's the portfolio piece you're most proud of and why?

The Guardian: Environmental & Earth Sciences

You think in systems and want to protect the biggest one.

THE QUASI BOX BRAINERY

You scored highest in systems thinking, long-term perspective, and a deep sense of responsibility to the world beyond yourself. You're energized by big, complex problems that require thinking across disciplines. Environmental careers are expanding rapidly in scope and salary as the world faces unprecedented challenges.

CAREER FIELDS

Career	What they do	Salary range
Environmental Science	Study ecosystems, pollution, climate, and natural resources then design solutions for the problems you find.	\$55K–\$110K
Environmental Engineering	Apply engineering principles to solve environmental problems such as water treatment, waste management, pollution control.	\$68K–\$135K
Sustainability & Policy	Shape corporate, municipal, and national strategies for reducing environmental impact and building resilient communities.	\$60K–\$130K
Marine/Atmospheric Science	Study the ocean, weather systems, and climate; critical work for understanding and predicting the planet's future.	\$60K–\$120K

COLLEGE PROGRAMS TO EXPLORE

- **University of Vermont:** leading sustainability and environmental studies
- **University of Washington:** top marine science and atmospheric programs
- **Tuskegee University:** HBCU with strong agricultural and environmental science
- **UC Santa Barbara:** top-ranked environmental science and marine biology
- **Michigan State:** excellent environmental engineering and policy programs

START TODAY — FREE ACTIVITIES

- Conduct a 10-minute sustainability audit of your home: energy, water, waste
- Read one article from Yale Environment 360 (e360.yale.edu) excellent journalism
- Download the EPA EnviroAtlas app and explore your neighborhood's environmental data
- Watch 'Our Planet' on Netflix and notice every career represented, from science to policy

RECOMMENDED COLLEGE MAJORS

Environmental Science	Environmental Engineering	Ecology	Marine Biology	Sustainability Studies	Earth Science
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 How do you stay motivated working on problems this big when progress feels slow?
- 2 What's the most underrated environmental career that people your age never consider?
- 3 How much of your work is science vs. policy, communication, or advocacy?



The Futurist: Emerging Tech & AI

You adapt to the future, and you build it.

THE QUASI BOX BRAINERY

You scored highest in curiosity about emerging systems, comfort with ambiguity, and excitement about possibilities that don't exist yet. You think about what technology could be and not just what it is. The careers that will be most important in 10 years are being invented right now by people who think like you.

CAREER FIELDS

Career	What they do	Salary range
Artificial Intelligence & ML	Build systems that learn from data, recognize patterns, make decisions, and generate content. The hottest field in tech by a wide margin.	\$100K–\$250K+
Robotics & Automation	Design physical systems that sense, think, and act in the world from surgical robots to autonomous vehicles to warehouse systems.	\$80K–\$170K
Cybersecurity	Protect digital infrastructure, data, and privacy from an ever-evolving landscape of attacks; one of the fastest-growing fields in tech.	\$80K–\$180K+
Human-Computer Interaction	Design the relationship between humans and technology, including AR/VR, brain-computer interfaces, and AI-assisted tools.	\$85K–\$165K

COLLEGE PROGRAMS TO EXPLORE

- **MIT:** unrivaled for AI research and emerging technology
- **Stanford University:** Silicon Valley connections, leading AI program
- **Morgan State University:** HBCU with strong computer science and cybersecurity
- **Carnegie Mellon:** top robotics and HCI programs in the world
- **University of Maryland:** top-ranked cybersecurity program

START TODAY — FREE ACTIVITIES

- Visit fast.ai and start the free 'Practical Deep Learning for Coders' course
- Use a free AI API to build a simple chatbot and see how language models actually work
- Read one post on AI Snake Oil (aisnakeoil.com): a critical AI analysis online
- Watch 'iHuman' on YouTube: a documentary on AI's impact that reframes career thinking

RECOMMENDED COLLEGE MAJORS

Computer Science	Artificial Intelligence	Cognitive Science	Electrical & Computer Engineering	Information Science
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ASK A PROFESSIONAL — 3 QUESTIONS THAT GET REAL ANSWERS

- 1 What's the most overrated AI application everyone's excited about, and the most underrated?
- 2 How do you think about the ethical implications of what you're building?
- 3 What would you tell a 17-year-old who wants to work in AI in 5 years?

What's your next step?

Reading about a career is valuable and exploring one firsthand is transformative. The Quasi Box Brainery is designed to give you both through free to low-cost resources, and when you're ready, live career exploration programs.

- 1 Share this guide with a parent or counselor**
Walk them through your top 1-2 profiles. It's a natural starting point for a college planning conversation.
- 2 Try one free activity this week**
Pick the single activity that sounds most interesting and spend 30 minutes on it. First-hand experience beats reading every time.
- 3 Talk to one professional in your top field**
Use LinkedIn, a teacher's network, or a family connection. Use the 3 questions in this guide — they work.
- 4 Listen to the Majors Minors Maybes podcast**
Every episode explores unconventional careers in the STEM or Health Care field with real professionals and free companion resources. Find us at thequasibox.com/majors-minors-maybes
- 5 Take the Career Starter Quiz if you haven't yet**
3 minutes. Tells you exactly which profiles fit your strengths. Free at thequasibox.com/quiz.



Ready to explore further?

The Quasi Box Brainery resources and programs exist to help students like you explore your career path before you commit to four years of tuition.

thequasibox.com

Educational Resource Disclaimer

This workbook is an educational exploration tool designed to help students explore STEAM career fields and begin college planning. It is a starting point for discovery, not a guarantee of college admission, major placement, or career outcomes.

Results and reflections in this workbook reflect responses at a single point in time. Interests evolve. Please use this alongside guidance from your school counselor, parents, and trusted educators. The Quasi Box Brainery does not provide licensed academic or career counseling services.

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