

RICHARD "TITO" FLEMING

richard_fleming@brown.edu | 69 Brown St., Providence, RI 02912 | (956) 330-8868 | titofleming.com
<https://www.linkedin.com/in/tito-fleming/>

EDUCATION

BROWN UNIVERSITY, *BS in Computer Science Candidate*

Class of 2027

Honors: 2023 HSF Scholar, MOSAIC+; Society of Hispanic Professional Engineers (SHPE), Alpha Delta Phi Society

Courses: AI, ML, Deep Learning, Computer Systems, Data Structures, Algorithms, Cybersecurity, Linear Algebra

SCIENCE ACADEMY OF SOUTH TEXAS | *Summa Cum Laude Graduate*

Class of 2023

National Merit Scholarship Finalist, National Hispanic Scholar, National Rural & Small Town Scholar, AP Scholar with Distinction

Leadership: President of Computer Science Club

SKILLS

Programming Languages: Python, C++, Java, TypeScript, R

Frameworks & Tools: Node.js, React, Next.js, Vercel CLI, SQL, Snowflake, Google Cloud, Docker, MongoDB
AWS, Tableau, Git, TensorFlow, Agile, Linux; Spanish (ILR Level 3)

Online Courses: [Introduction to Programming in Python](#) (CS50P), Intro to Computer Science (CS50X),
[Data Science: R Basics](#), [Visualization](#), [Probability](#); Finance: [Market Structure](#)

EXPERIENCE

CUMMINS INC, SOFTWARE ENGINEERING INTERN | *Columbus, IN*

May 2026 - Aug 2026

- Built an AI diagnostic feature in Cummins' Guidanz app that lets service technicians query and interpret engine fault codes using LLMs. Developed in Android Studio (Java/C++) with OpenAI ChatKit integration; shipped to production with the Guidanz dev team - Live in diagnostic workflows at 13,000+ dealer and 640+ distributor locations worldwide

FIDELITY INVESTMENTS, DATA ANALYTICS & INSIGHTS SUMMER INTERN | *Boston, MA*

Jun 2025 - Aug 2025

- Engineered SQL-based cohort models in Snowflake to analyze 12.8M retirement customers and ~\$2T in transactions; presented to senior leadership, delivering insights that shaped Fidelity's targeted retirement strategies.

EL CENTRO GROUP DEVELOPMENT, SUMMER INTERN | *McAllen, TX*

Jun 2024 - Aug 2024

- Analyst for 400MWh Battery Energy Storage System (BESS) project: Conducted feasibility studies & ensured regulatory compliance; Tax Credit Incentives, transferability marketplace under the 2022 IRA; DCF analysis/modeling; assisted negotiations for land leases, analyzed impact of electrical infrastructure proximity on project viability

MITES SEMESTER 2022 | *Cambridge, MA*

Jun 2022 - Dec 2022

- One of 270 students selected nationwide for six-month academic & professional development program at MIT for high-achieving talent based on my passion for science, technology, engineering, and math

UNITED STATES NAVAL ACADEMY SUMMER SEMINAR | *Annapolis, MD*

Jun 2022

- Residential program: Academics, PT, team-building workshops: Nuclear Engineering, Digital Forensics, and Leadership
- Performed Sea Trials and Candidate Fitness Assessment

COOPER UNION SUMMER STEM | *New York, NY*

Jul 2021 - Aug 2021

- Developed data visualization techniques for climate change communication
- Presented findings on climate change impacts and nuclear energy solutions

EXTRACURRICULAR/LEADERSHIP EXPERIENCE/VOLUNTEER

MIT INTRODUCTION TO TECHNOLOGY ENGINEERING AND SCIENCE | *Cambridge, MA*

Aug 2024 - Present

- MITES Alumni Volunteer: Provide mentorship through college essay reviews and mock interviews

MATH4RGV | *Edinburg, TX*

Mar 2022 - Present

- Recruitment officer: Increased membership by 50% for youth-led math circle

MATHNASIUM, MATHEMATICS INSTRUCTOR | *Mission, TX*

Oct 2021 - May 2023

- Tutored on average six students per day on math topics ranging from Arithmetic to Calculus
- Fostered students growth in mathematical skills and helped hundreds of students pass their classes

TECHNICAL & ADDITIONAL EXPERIENCE

TOCDOC | *Boston, MA*

May 2025 - Present

- Built a HIPAA-compliant hospital discharge notification and transition-of-care portal for independent physician groups serving Medicare Advantage patients; increased Toc-compliance rate by 37%

THE D.E. SHAW GROUP | *New York City, NY*

Sep 2024

- Selected to attend fully-funded D.E. Shaw Connect event, explored innovative approaches in finance and technology

BOSTON CONSULTING GROUP LAUNCH, SUMMER SERIES | *Boston, MA*

Jun 2024 - Jul 2024

- Participated in workshops and networking events with BCG professionals

CAPITAL ONE STRATEGY CONSULTING | *McLean, VA*

Jun 2024

- Engaged with Capital One's Strategy Group focusing on corporate strategy and internal consulting practices