

Jacob Fishman

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Client-focused and technically adept problem solver with 6+ years experience configuring platforms, managing data, and delivering tailored solutions to complex challenges. Computer Science graduate with proven ability to work across technical and nontechnical teams through classwork, client projects, and community service.

EDUCATION

University of Maryland, College Park, MD

Anticipated Graduation May 2025

GPA: 3.83

- B.S. Computer Science (Dean's List every semester)

- QUEST Honors Program

November 2022 - Present

- Collaborated with peers across engineering, business, and CS to build innovative client solutions
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SKILLS

- Agile Methodologies, Jira/Rally, Data-Driven Decision Making, UX Enhancement, Stakeholder Engagement
 - Java, Python, C, R, AWS, Terraform, SQL, HTML, CSS, JavaScript, Docker, Data Analytics and Visualization
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PROJECT EXPERIENCE

Student Consultant, *Bunge Global*, University of Maryland

September 2024 - December 2024

- Collaborated with engineering and business students to enhance hiring process through user-centered design
- Reduced mishires by 30% and saved 12 hours per open role by developing an NLP HR screening tool
- Provided capstone recommendations to 300+ industry professionals, faculty, and peers at the QUEST Conference

Software Engineering Consultant, *TextMeWeather*, Denver, CO

November 2024 - Present

- Tested and integrated AWS Lambda functions with API Gateway
- Created AWS Athena query and Javascript dashboard to visualize business implications of usage

Software Engineering Lead, *Build it, Break it Project*, University of Maryland

September 2024 - December 2024

- Engineered a secure ATM/Bank system with robust encryption protocols using OpenSSL, ensuring end-to-end message confidentiality and integrity and demonstrating proficiency in secure system design and ethical hacking
 - Conducted rigorous security analysis and penetration testing to identify and exploit vulnerabilities in peer submissions, enhancing adversarial thinking and real-world cybersecurity expertise
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WORK EXPERIENCE

Software Engineering Intern, *Travelers Insurance*, Hartford, CT

June 2024 - August 2024

- Led a team to develop an automated AWS S3 storage size calculator using Terraform, significantly reducing manual reporting time and enabling strategic insights for product enhancements
- Drafted technical documentation and notes, ensuring clarity and consistency for all stakeholders
- Collaborated with cross-functional teams—including product, engineering, and analytics—to define and prioritize features for cloud migration, contributing to improved customer data analysis and decision making

Software Developer - AI Trainer, *Data Annotation Tech*, Remote Work

October 2023 - Present

- Optimize AI model performance by reviewing and correcting model responses
- Verify the accuracy and consistency of training data and machine learning workflows

Software Engineering Intern, *Cyber 2.0*, Rishon LeTsiyon, Israel

June 2023 - August 2023

- Built a data compression application to improve storage efficiency and system performance, demonstrating an agile approach to problem solving and rapid prototyping
 - Developed customer-facing features for a cybersecurity email search tool, enhancing usability
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STUDENT ACTIVITIES AND LEADERSHIP

QUEST Serves, *Student Leader*, College Park, MD

December 2022 - Present

- Lead a team to plan and execute community service events using project management principles

Best Buddies, *Associate Member*, College Park, MD, Glastonbury, CT

October 2018 - Present

- Facilitate one-to-one connections between students with and without intellectual or developmental disabilities

Zeta Beta Tau Fraternity, *VP of Operations/House Manager*, College Park, MD

October 2022 - December 2023

- Led cross-team initiatives to ensure chapter accreditation, improving organizational governance