

# Jacob Fishman

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Skilled in software development, product strategy, and cross-functional collaboration. Passionate about leveraging technical expertise and customer insights to drive product vision and deliver innovative solutions.

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## EDUCATION

- University of Maryland**, College Park, MD Anticipated Graduation May 2025
- B.S. Computer Science; 3.83 GPA
  - Dean's List recipient every semester
  - QUEST Honors Programs November 2022 - Present
    - Design systems to solve complex business problems in multidisciplinary teams through courses focused on innovation, technology, data science, and change management through experiential consulting projects
  - Relevant Courses: Product Management, Artificial Intelligence, Machine Learning, Data Structures, Algorithms
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## SKILLS

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

- Travelers Insurance**, *Software Engineering Intern*, Hartford, CT June 2024 - August 2024
- Spearheaded development of 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
- Data Annotation Tech**, *Software Developer - AI Trainer*, Remote Work October 2023 - Present
- Apply reinforcement learning from human feedback to optimize AI model performance
  - Verify the accuracy and consistency of training data and machine learning workflows
- Cyber 2.0**, *Software Engineering Intern*, 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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## PROJECT EXPERIENCE

- TextMeWeather**, *Software Engineering Consultant*, 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
- Bunge Global**, *Student Consultant*, University of Maryland September 2024 - December 2024
- Collaborated on a team of engineering and business students to enhance Bunge's hiring process through data-driven solutions and user-centered design
  - Implemented a scalable NLP-based screening tool to improve job alignment, reduce onboarding time, and modernize Bunge's talent acquisition framework
  - Presented capstone recommendations to 300+ industry professionals, faculty, and peers at the QUEST Conference
- Build it, Break it Project**, *Team Member*, 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 comprehensive security analyses and penetration testing, contributing to an agile, iterative design process that emphasized risk management and user trust
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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 and House Manager*, College Park, MD October 2022 - December 2023
- Led cross-team initiatives to ensure chapter accreditation, improving organizational governance