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.

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 Program — 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

SKILLS

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

WORK EXPERIENCE

Travelers Insurance, *Software Engineering Intern,* Hartford, CT — June 2024 - August 2024
- Spearheaded development of an automated S3 storage size calculator using Terraform and AWS, 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

PROJECT EXPERIENCE

TextMeWeather, *Software Engineering Consultant,* Denver, CO — November 2024 - Present
- Designed and launched a mobile application providing satellite-based weather updates for off-grid users, integrating real-time data analytics and user feedback to optimize the user experience

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

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