Jacob Fishman

College Park, MD | jacobdfishman@gmail.com | in/jacob--fishman | 860.929.6868 | jacob-fishman.com

Client-focused and technically adept problem solver with experience configuring platforms, managing data, collaborating across teams, and delivering tailored solutions to complex challenges.

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

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

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 using 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
- 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

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