

Daniel Odetoye

443-678-8048 | dodetoye@terpmail.umd.edu | www.linkedin.com/in/danielodetoye | github.com/thatsdan1

EDUCATION

University of Maryland | College Park, MD

Expected: May 2027

Bachelor of Science, Computer Science and Immersive Media Design

Relevant Courses: Data Structures & Algorithms, Object-Oriented Programming, Computational Thinking & Design, Calculus I/II

Programs: QUEST Honors Program, MLT Ascend Scholar

Affiliations: UMD Diazporic Dance Team, National Society of Black Engineers, ColorStack@UMD, Code Black

SKILLS

Languages: Python, Java, JavaScript, HTML, CSS, C, Assembly, OCaml

Tools/Frameworks: React, Flask, Node.js, Power BI, LangChain, GPT-4, Pinecone, AWS RDS, Firebase, FastAPI, Git, Linux,

PROFESSIONAL EXPERIENCE

Cloud & AI Engineering Intern, **PwC** Washington, DC

June 2025 - July 2025

- Analyzed **~10,000+ rows of user interaction** and performance data using **Power BI** and machine learning-informed metrics, identifying behavior patterns that improved **AI agent adaptability by 27%**.
- Collaborated with 4+ cross-functional teams, applying ML operations (**MLOps**) principles and **human-centered AI design** to streamline platform usability and **increase discoverability by 40%**.
- Delivered **data-backed strategic** recommendations that influenced leadership decisions and led to a **15% increase in intelligent agent** engagement, aligning with AI model performance optimization goals.
- Integrated real-time user feedback loops into AI infrastructure, reducing model error rates by **~12% and shortening model iteration cycles by 30%**.
- Proposed and **implemented 3 enhancements** to evaluation workflows, improving retraining efficiency and enabling **faster deployment of updated models**.

Founder and Lead Creative Director, **ThroughDanceLensPhotography**, Baltimore, MD

April 2023 - Present

- Launched and scaled a client-facing photography platform, increasing bookings by **50% in 6 months** and generating \$5,000 in revenue.
- Built a full-stack web application using **Node.js, Express, and AWS RDS**, enabling real-time scheduling, automated email confirmations, and 24/7 client access to session booking.
- **Led end-to-end UX strategy**, conducting usability testing with **10+ users** and deploying monthly product updates, **resulting in a 4.9/5 customer satisfaction** rating and a **35% boost in client retention**.
- **Implemented data-driven** design improvements using customer feedback, improving average session conversion rate by **22% over three release cycles**.

TECHNICAL PROJECTS

CareerVillage AI Coach Prototype | *React, Node.js, OpenAI GPT-4, JSearch API, Power BI*

June 2025 - July 2025

- Engineered an AI-powered career guidance platform for **1,000+ underserved learners**, integrating **mock interview simulations, resume review bots, and personalized goal-tracking workflows**.
- Leveraged **GPT-4 and Power BI** to analyze behavioral data across 3 core features, achieving **62.6% user retention, 2× increase in mock interview completions**, and improved resume tool engagement by **40%**.
- Developed a **real-time job discovery tool** using **JSearch API**, returning location-filtered results with <1s latency; implemented **voice-based navigation** to enhance accessibility for users with disabilities.

First Generation Investors Website | *React, Firebase FastAPI, Figma*

September 2024

- Designed and deployed 3 core UI pages (Admin, Student, Tutor), boosting platform usability and reducing navigation time by **35% for 50+ active users**.
- Integrated **React front end with Firebase and FastAPI back end**, enabling real-time updates across **100+ weekly tutoring sessions** and improving data sync reliability by **95%**.
- Collaborated with a cross-functional team of **5 developers and designers to optimize data workflows**, reducing admin data entry time by **40%** and increasing tutor-student match rate accuracy.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

QUEST Honors Program, *Quest Student*, College Park, MD

January 2024 - Present

- Participated in **interdisciplinary projects** combining **tech, business, and data-driven strategy**.

JPMorgan Chase, *Code for Good Participant*, Jersey City, NJ

September 2024

- Gained hands-on experience in **agile development, collaboration, and software lifecycle** with JPMorgan mentors.