Natali Oleinik

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EDUCATION

University of Maryland   Expected: May 2027
B.S. in Computer Science, Minor in General Business (GPA: 3.61)
- Relevant Coursework: Algorithms, Object-Oriented Programming (Java), Computer Systems (C), Discrete Structures, Functional Programming, Web Development (JavaScript), Probability & Statistics

EXPERIENCE

Genworth Financial   May 2025 - August 2025
IT Development Intern

- Built and deployed 5+ responsive insurance webpages (landing and login) using React, TypeScript, Next.js, and Node.js, integrating Storyblok CMS and internal APIs for dynamic content and authentication for 3K+ users
- Configured a GitLab repository from scratch with 40+ dependencies, optimized build scripts, and CI/CD pipelines for faster development
- Led stakeholder meetings across 3 teams, aligning stakeholders and reducing merge conflicts

Insight Interfaces LLC.   May 2023 – June 2024
Software Engineer Intern

- Published an iOS video conferencing app using Swift, Xcode, and Apple Developer Tools
- Contributed to full-stack web app development using Python, Django, and Docker, and assisted in deployment

PROJECTS

Dancify ↗
Technologies: React, Swift, Git

- Created an app providing real-time AI feedback and auto-rewinding to help users learn dance routines
- Winner – Best Innovative Solution, Pitch Dingman Competition (2025)

Adversarial Training Research @ University of Maryland ↗
Technologies: Python, PyTorch, Pandas, TensorFlow

- Implemented adversarial attacks to improve image classifiers, increasing model accuracy by 16%.
- Presented findings at the UMD AI Summer Research Symposium

UnitYT ↗
Technologies: Python, Flask, JavaScript, CSS, HTML, OpenAI

- Built a tool that summarizes foreign-language YouTube videos in English using NLP and the OpenAI API
- 1st Place Winner – Wintr Hackathon (2023), recognized for real-world accessibility impact.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, Swift, HTML, CSS, C
Frameworks & Tools: React, React Native, Next.js, Node.js, Django, Docker, Storyblok CMS, Git, Xcode
Concepts: APIs, CI/CD, Agile Development, Machine Learning

AWARDS

Pitch Dingman Competition Winner - University of Maryland, Best in Innovative Solution   April 2025
National Honorable Mention & Maryland Affiliate Award - National Center for Women & Info Technology   April 2024
Cert. of Completion of IMF Fin Literacy/Young Economist Academy - International Monetary Fund.   July 2023