Natali Oleinik

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Education

UNIVERSITY OF MARYLAND, College Park, MD   *May 2028*
- Bachelor of Science in Computer Science, minor in General Business, GPA: 3.61
- College Park Scholars (Business, Society & Entrepreneurship), Startup Shell, Pitch Dingman Competition Winner

Relevant Coursework
- Object-Oriented Programming, Calculus 2, Computer Systems, Discrete Structures, Linear Algebra, Algorithms, Applied Probability and Statistics

Skills and Languages

- Experienced in Java, React, React Native, Python, TypeScript, Next.js, Node.js, HTML/CSS, familiar with Django, Docker, Python, Swift, Storyblok, Git
- Proficient in English, Native in Russian (earned Maryland Seal of Biliteracy, 2023)

Experience

Genworth Financial - *IT Development Intern*   *May 2025 - August 2025*
- Built responsive insurance webpages, including landing and login pages, using React, TypeScript, Next.js, and Node.js; integrated Storyblok CMS, internal APIs for dynamic content rendering and user authentication.
- Initiated project scaffolding of a new GitLab repo by setting up dependencies, scripts, CMS config, and improving rendering performance through LCP optimization
- Led team meetings with stakeholders and sprint refinements

Insight Interfaces LLC - *Software Developer and Designer*   *August 2023 - June 2024*
- 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.

University of Maryland - *AI Summer Research*   *July 2023*
- Conducted & presented research on adversarial attacks in image AI classification models
- Developed adversarial training using Python (PyTorch, Pandas, TensorFlow), MV calculus (gradient descent for loss functions) to improve classifier models and neural networks - sites.google.com/umd.edu/ai2023/attack

Kode With Klossy & Girls Who Code - *Mobile App and Web Dev Programs*   *August 2022, August 2023*
- Presented own IOS app focusing on physical wellness made using Swift in Boeing HeadQuarters and developed website with Mental Health resources for veterans after 40+ hours of instruction in CSS, HTML, Java Script

Awards/Certificates

Pitch Dingman Competition (Luby Track Winner with Dancify) - *University of Maryland*   *April 2025*
National Hon. Mention & Maryland Affiliate Award - *National Center for Women & Information Tech.*   *April 2024*
Cert. of Completion of IMF Fin Literacy/Young Economist Academy - *International Monetary Fund.*   *July 2023*

Projects

Dancify - *React, Swift, Git*
- Helps learn your favorite dances with real-time AI feedback and auto-rewinding eliminating the need of manually rewinding the dance video you are trying to learn. Awarded for the Best in Innovative Solution (Pitch Dingman)
- https://www.youtube.com/watch?v=s455o7EopKU&t=117s

UnitYT- *Python, Flask, JavaScript, CSS, HTML, OpenAI*
- Collaborated to code a YouTube translator and Summarizer to create a summary of any foreign Youtube video in English, bridging the gap between the cultures. (Wintr Hackathon, 1st) https://devpost.com/software/unityt