

Danil Ermolin

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Education

City University of New York - Brooklyn College | Brooklyn, NY

Graduated: December 2024

Bachelor of Science in Computer Science

- ◆ **Honors and Achievements:** Phi Theta Kappa Honors Student, Rose Goldstein Memorial Scholarship Recipient
- ◆ **Relevant Courses:** Computer Architecture, Data Structures, Operating Systems, Intro to Software Development, Theoretical Computer Science, Web Applications, Database Systems, Human Computer Interaction
- ◆ **Organizations:** NYC Tech Talent Pipeline, CUNY 2X, CodePath, Brooklyn College Computer Science Club

Technical Skills

Programming: JavaScript, Python, Java, HTML, CSS, PowerShell, Bash, Git, MySQL, PostgreSQL

Technologies: React, Supabase, Redis, Postman, Active Directory, AWS, Splunk, Wireshark, Suricata, Snort

Operating Systems: Windows, Linux, MacOS

Certifications: Google Cybersecurity Certificate, Linux Essentials, AWS Cloud Foundations, CodePath Intermediate Cybersecurity, CodePath Intermediate Web Development, CompTIA Security+ (In-Progress)

Professional Experience

IT Technician | Pretrial Services Office, US Southern District of NY | Manhattan, NY

May 2023 – Current

- Developed PowerShell script to automate sign-in process via card reader which allows over 40 employees to log their hours more efficiently.
- Monitoring, reviewing, and updating security alerts in Splunk to identify potential threats and improve incident response efficiency.
- Utilizing Mobile Device Management software to monitor and enforce policies on all employees devices, such as strong passwords, restricting access to certain apps and websites, managing updates, and remotely wiping data.
- Collaborating with the IT team to address and mitigate vulnerabilities identified in Nessus reports, enhancing the office's overall network security and maintaining and updating IT documentation.

Web Developer Internship | Hawkeye MedTech, Inc | College Park, MD

June 2022 – August 2022

- Implemented Garmin Android SDK to existing code through API calls to retrieve user vitals from Venu 2 smartwatch and upload to user profile.
- Developed new visuals using CSS, HTML, and JavaScript to enhance functionality of viewing vitals through various graphs.
- Applied TestFlight to test pre-production of iOS mobile app, resulting in the identification of bugs and development of solutions to display information correctly on the user interface.

Technical Projects

BC Nanopore Tracker | Brooklyn College | GitHub: [danace38/BC_Nanopore_Tracker](https://github.com/danace38/BC_Nanopore_Tracker)

September 2024 – December 2024

- Designed and developed a web-based tracking system for nanopore DNA sequencing data, streamlining data management for the Biology laboratory at Brooklyn College.
- Created a user-friendly interface using React framework and utilized RESTful API design for CRUD operations.
- Utilized Redis for storing authentication tokens and implemented password encryption.

MyMovie | NYC Tech Talent Pipeline | GitHub: [danace38/mymovie](https://github.com/danace38/mymovie)

January 2022 – February 2022

- Engineered UI for the web-based movie search application using React and Bootstrap, which allows users to search and view movies based on their input.
- Implemented Express for validating user credentials and optimizing authentication process.
- Configured Node to interact with the TMDB API, enabling users to view trending movies, ratings, trailers, and basic overviews.