

Mei Slifka

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Work Experience

- L3Harris, Software Engineer (Secret Clearance)** July 2023 - Present
Clifton, NJ
- Working in the Electronic Warfare Division, updating legacy software for compatibility on new Aircraft interfaces and designing new architectures
 - Utilize in-house frameworks based on C++ and software test environments: cmake and google test
 - Developed a Python parsing tool, saving the program \$0.55 million in labor costs
- Intel Corporation, SOC Design Engineering Intern** Summer 2021/2022
Allentown, PA
- Contributed to Intel's Xeon Networking Engineering DTF team
 - Collaborated within the Agile Scrum framework with 2-week sprints
 - Conducted ATPG and GLS on blocks for chips in 5G network towers
- Versum Materials, Electrical/Computer Engineering Intern** June 2020-August 2020
Breinigsville, PA
- Gained hands-on experience in circuit design and the process of merchandise returns
 - Analyzed, investigated, and tested returned circuit boards (RMAs) to identify and resolve failures

Education

- Villanova University - College of Engineering**, Villanova, PA August 2019-May 2023
- **Major:** Bachelor of Science in Computer Engineering **Minors:** Computer Science, Cyber Security
 - **GPA:** 3.96 **Awards:** Dean's List, Tau Beta Pi Honors Society

Projects

- Portfolio Website** (React, Tailwind, Netlify) Winter/Spring 2024
- Developed a personal website to showcases my projects and skills
- Higher Lower Stock Guessing Game** (HTML, CSS, Javascript) Fall 2023
- Created a web application where the user guesses Stock Prices of S&P 500 companies
- Senior Capstone Project, Sea Lion Recognition in the Galapagos** Spring 2022-Spring 2023
- Developed a web application using Python Flask and HTML, integrated with an SQLite3 database, to support AI facial recognition for researchers, enabling efficient tracking of Galapagos sea lions

Technical Skills and Courses

- **Skills - Languages:** Java, Python, C++, JavaScript, **Web Development:** HTML, Tailwind, **Databases:** SQL, MongoDB **Project Management:** Jira, Workday, **Development Tools:** Docker, Git/GitHub, BitBucket
- **Courses -** Analysis of Algorithms, C++ Algorithms & Data Structures, Database Systems, Operating Systems

Leadership and Activities

- Tau Beta Pi Honors Society, Member** October 2021-Present
- Recognizes top 13% of the engineering class for academic excellence and exemplary character
- Society of Asian Scientists and Engineers (SASE), President** September 2019-Spring 2023
- Led General Body and Executive Board meetings, organized networking events and club activities, and advanced from Secretary to President
- Villanova Scramble/Pep/Concert Band, Member and Webmaster** Fall 2019-Spring 2023
- Played Alto Saxophone in the band and served as web master, updating the band website and user accounts

Interest: Running, Reading, Puzzles, Crocheting, Traveling, Hiking, Pickleball, Alto Saxophone