

# Mei Slifka

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## Work Experience

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**L3 Harris**, Clifton, NJ Software Engineer (Secret Clearance) July 2023 - Present

- Work in the Electronic Warfare Division and update legacy software to function on new Aircraft interfaces using in house frameworks based in C++ and software test environments including cmake and google test.
- Developed a python based parser tool saving \$0.55m of labor costs to the program

**Intel Corporation**, Allentown, PA SOC Design Engineering Intern Summer 2021/2022

- Worked on Intel's Xeon Networking Engineering DTF team
- Participated in agile SCRUM framework with 2 week sprints and SUMS
- Ran ATPG and GLS on blocks for chips in 5G network towers

**Versum Materials**, Breinigsville, PA Electrical/Computer Engineering Intern June 2020-August 2020

- Learned about circuit design and merchandise returns
- Analyzed and tested failed circuit boards (RMAs)

## Education

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**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

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**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

- Used Python Flask to create a website (HTML) and database (SQLite3) to work in conjunction with AI facial recognition for researchers to track Galapagos sea lions

## Technical Skills and Courses

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- **Skills:** Java, Python, C++, JavaScript, HTML, CSS, SQL, VS Code, Jira, Workday, Docker, Git/GitHub, BitBucket
- **Courses:** Analysis of Algorithms, C++ Algorithms & Data Structures, Principles of Database Systems, Computer Architecture, Operating Systems, Compiler Construction, Computer Networks, Cloud Security, Digital Forensics

## Leadership and Activities

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**Tau Beta Pi Honors Society, Member** October 2021-Present

- Recognizes top 13% of the Engineering Class: focused on academic accomplishments and exemplary character

**Society of Asian Scientists and Engineers (SASE), President** September 2019-Spring 2023

- Run General Body and Executive Board meetings
- Organize and plan events for networking and club activities
- Started as Secretary for the last 2 years, currently president

**Interest:** Running, Reading, Puzzles, Crocheting, Traveling, Hiking