

Kaylin Pham

Clarksville, MD, 21029 | (443) 848-9488 | kaylinpham@vt.edu

EXPERIENCE

Full Stack Software Engineering Intern

May 2022 - Aug 2022

Jacobs Engineering Aerospace Sector, Severn, MD

- Utilized my knowledge on embedded systems and full stack engineering to design and implement an array of different functions to one of Jacobs' satellites currently in development.
- Used C++ and Python to code and test the Satellite's functionality working amongst a team of 10 associate and senior software engineers. Gained experience with Docker, Jenkins, and Git in a team environment.

Software Engineering Intern

Jun 2018 - Aug 2018 & Jun 2019 - Aug 2019

NASA Goddard Space Flight Center, Greenbelt, MD

- Managed an online database for the Electro-Mechanical branch to store flight projects and make it more user friendly, working within a team of three interns.
- Built a 3D model of a miniature CubeSat utilizing Arduino coding and CAD software on a Linux OS.

EDUCATION

B.S. Computer Science Major, Human Computer Interaction Minor

Virginia Polytechnic Institute and State University, School of Engineering (Graduating May 2023)

- **GPA:** 3.41 Cumulative
- **Relevant Coursework:** Software Design and Data Structures, Introduction to Computer Organization, Intro to GUI, Applied Combinatorics, Human Computer Interaction, Applied Combinatorics, Cloud Software Design.

TECHNICAL SKILLS

- Angular, Arduino, C, C++, Docker, Git, HTML, Java, JavaScript, Jenkins, MatLab, MIPS Assembly Language, Python, React, TypeScript, SolidWorks.
- Operating Systems: Apple, Linux, Windows.

LEADERSHIP & ORGANIZATIONS

Executive Director - HackViolet Hackathon

March 2019 - Present

- Leading 15 board members within four different teams working together to create our hackathon averaging 1,000+ participants and raising \$30,000+ from more than 10 sponsors. My job is to assure we produce the most efficient registration, recruitment, and events for our participants, mentors, judges, and company sponsors.
- Previously held the position of Internal Operations Director, and the year before that Public Relations Chair.

Executive Board Officer - Association for Women in Computing

May 2022 - Present

- Working amongst a team to collaborate workshops and events to teach students both technical and soft skills.

Vice President of Diversity, Equity, and Inclusion - Alpha Phi Sorority

January 2021 - December 2021

- Upheld the values and philosophy of Alpha Phi by serving on the Judiciary Board, meeting on a case-by-case basis. Also provided lectures to educate members on current events, soft skills, and member inclusion.