

# Michael Hamill

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## EDUCATION

The Ohio State University, Columbus, OH

B.S. Computer Science and Engineering, May 2018

Worked 40+ hours per week while managing full course load

## WORK EXPERIENCE

L3Harris Technologies, Melbourne, FL

**Software Engineer** (June 2018 - Present)

- Contributed to the design and development of the Federal Aviation Administration (FAA) NextGen Common Support Services - Weather (CSS-Wx) system using primarily Java, Spring and Apache software
- Worked as the technical lead for a team of senior software engineers responsible for security, infrastructure, and the monitoring and control user interface of the system
- Received an award for playing a critical role in the recovery of the program and securing future business with the FAA

The American Chemical Society, Columbus, OH

**Application Software Intern** (May 2017 - May 2018)

- Worked with the web application development and business solutions team
- Designed and developed a new time tracking application which replaced the previous spreadsheet time card process used by the department
- Success during this internship led to an offer to continue work during the 2017-2018 school year as well as a full-time offer after graduation

The Ohio State University, Columbus, OH

**Java Consultant** (August 2016 - May 2018)

- Assisted Computer Science students with coursework to help achieve well-written code and a clear understanding of object-oriented concepts and best practices

## PROJECT EXPERIENCE

KickPush                                      Personal Project                                      (December 2021 - Present)

- Currently developing an application to connect skateboarding students and instructors using the MERN stack (MongoDB, Express, React, Node.js) with plans to develop a React Native mobile application

IAM Proxy Server                                      L3Harris Technologies                                      (August 2021 - October 2021)

- Developed a standalone Node.js HTTP proxy server with custom middleware to meet specific FAA requirements that required an extension of the standard TLS protocol

Cronus: Time Tracking                                      The American Chemical Society                                      (July 2017 - May 2018)

- Designed and developed a time tracking application for the company using the Spring framework with Hibernate and a Microsoft SQL Server database

## SKILLS

- Languages: JavaScript, Java, Bash, SQL, HTML5/CSS
- Frameworks/Libraries: Node.js, React, Express, Spring, Tailwind CSS
- Databases: MongoDB, Elasticsearch, PostgreSQL
- Other: Git, Ansible, Apache Software (Tomcat, Ignite, Camel), Zabbix, Atlassian Tools, SDLC, Agile / Scrum Methodologies, Team Leadership, Proficient Troubleshooting