

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
- 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 application development and business solutions team
- Designed and developed a new time tracking web application for the team which replaced the previous time card system 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

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

- Developed a standalone Node.js proxy server to enhance security when connecting with external interfaces outside of the FAA National Airspace System by extending the standard TLS protocol

Task Manager API Personal Project (July 2021)

- Implemented an API for a task manager application using Node.js, Express.js, and MongoDB. Implemented JWT authentication, created a Postman collection for testing each route and deployed the project via Heroku

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, HTML5/CSS, SASS
- Frameworks/Libraries: Node.js, React.js, Spring, jQuery
- Databases: MongoDB, Elasticsearch, PostgreSQL
- Other: Git, Ansible, Apache Tomcat, Zabbix, Atlassian Tools, SDLC, Agile / Scrum Methodologies, Team Leadership, Proficient Troubleshooting