

## OBJECTIVE

To acquire an internship in the software engineering industry that will influence my interests and increase experience in computer science and engineering.

## EDUCATION

**The Ohio State University**, Department of Computer Science and Engineering, Columbus, OH  
*Bachelor of Science in Computer Science – Software Engineering Option*  
*Expected to graduate in 2021*

## SKILLS

Programming Languages/Skills: Java with JavaFX Framework, C, C++, Swift, Shell Script, Data Structures, Algorithms, Software Design Patterns

Tools/Environment: Bash, Git, GitHub, GitLab, BitBucket, Linux, macOS, Windows, Jenkins, GCC, Eclipse, Xcode, Atom, Vim, Dreamweaver, Photoshop

## EXPERIENCE

*Software Developer Intern, Lenovo United States*

*Summer 2019 - Present*

- *Responsible for developing software solutions that automates a significant number of repetitive tasks performed by the employees*
  - *Shipment Tracker Application*
    - *Used Java for back-end, JavaFX GUI framework for front-end*
    - *Used multithreading to significantly improve the overall runtime of the software*
    - *Used RESTful APIs to receive data from the web.*
- *Internship extended as a remote job at the end of the summer internship*
  - *Java Developer working remotely in Columbus, OH*

*Research Software Engineer for NASA THP 2017 Project*

*October 2018 - Present*

- *Undergraduate assistant under the supervision of Dr. DK Kang sponsored by NASA THP 2017 project entitled with "SWE Retrieval Performance Using Active and Passive Microwave Observations"*
- *Duties include programming and maintaining applications mainly written in C/C++ and shell scripts with MAKE.*

## PERSONAL PROJECT

*Employee Manager*

*July 2018*

- *Built with Java and JavaFX Framework*
- *Application designed to store employee data, NC tax rate, etc. Calculates each employee's paycheck based on the pay rate, hours worked, and tax.*
- *johnchoi96.github.io/downloads.html*

*Personal Linux Server*

*July 2018*

- *Hosting and maintaining a globally accessible Linux server using OpenSSH through TCP/IP connection and port forwarding.*