

## 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** College of Engineering, Columbus, OH  
Bachelor of Science in Computer Science and Engineering  
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 solution that automates a significant number of repetitive tasks performed by the employees
  - Used Java for back-end, JavaFX GUI framework for GUI development
  - Used multithreading to significantly improve the overall runtime of the software
  - Used RESTful APIs to receive data from the web services.
- 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 titled "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](https://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.