

John M. Choi
choi.1655@osu.edu | (919) 441-2881 | Permanent Address in Cary, NC

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 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*

Personal Linux Server

July 2018

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