**John M. Choi**

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**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.*