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 *College of Engineering, Columbus, Ohio*
Bachelor of Science in Computer Science and Engineering
Grade Point Average: 3.32 / 4.0
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, Version Controls (Git on GitHub, GitLab, etc.), Linux, macOS, Windows, Jenkins, GCC, Xcode, Atom, Vim

EXPERIENCE
Incoming iOS Software Engineering Intern, SAS Software Inc.   *Summer 2020*
- *Responsible for Data and Analytics Visualization on the iOS platform.*
- *Will assist the iOS team with the development and production of the SAS Visual Analytics App. This will include writing automation tools and code for testing the app, diagnosis of bugs found and developing fixes in the code. The internship will also involve prototyping and developing solutions on the mobile platform for a research topic in the area of Analytics, Data Visualization and Mobile Computing.*

Software Developer Intern, Lenovo United States   *May 2019 – January 2020*
- *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.*