

John Choi

WORK EXPERIENCE

Software Engineer

Jul 2022 – Present

JPMorgan Chase & Co., Columbus, OH

- Assisting in developing a REST API backend application using Java Spring Boot, MyBatis, and Oracle DB for the Core Engineering Services team.
- Assisting in developing a full stack application by utilizing React.JS, Bootstrap, and Java Spring Boot.
- Collaborating with other developers in an Agile team environment.

CSE Teaching Assistant

Aug 2021 – May 2022

Ohio State College of Engineering, Columbus, OH

- TA/Grader for CSE1223, Intro to Computer Programming in Java.

Software Engineer Intern

May 2021 – Aug 2021

Apple Inc., Cupertino, CA

- SWE intern in Internet Technologies Team as a position of Comm Application Automation intern.
- Assisted the Internet Technologies team with the testing and production of the Apple Mail app on macOS platform. This included writing automation tools and code for testing the app, diagnosis of bugs found, and filing a bug report. Wrote tools with the internal automation framework in Python and Swift (XCTest).

Undergraduate Research Software Engineer

Oct 2018 – May 2021

NASA THP 2017 Project, College Park, MD

- Undergraduate assistant under the supervision of Dr. DK Kang sponsored by NASA THP project titled "SWE Retrieval Performance Using Active and Passive Microwave Observations"
- Duties included developing and maintaining applications mainly written in C, C++, MATLAB, and Python.
- Co-authored an abstract titled "Physically Based Hydrology Model in a Snowmelt-Dominant Watershed" for 2020 AGU Fall Meeting.

iOS R&D Technical Intern

May 2020 – Aug 2020

SAS Software Inc., Cary, NC

- Responsible for Data and Analytics Visualization on the iOS platform.
- Assisted the iOS software engineering team with the development and production of the SAS Visual Analytics App. This includes writing automation tools and code for testing the app, diagnosis of bugs found and developing fixes in the code. The internship also involved prototyping and developing solutions on the mobile platform for a research topic in Analytics, Data Visualization and Mobile Computing.

Software Development Intern

May 2019 – Jan 2020

Lenovo United States, Morrisville, NC

- Responsible for developing software solution that automates a significant number of repetitive tasks performed by the employees.
- Utilized Java with JavaFX framework and used multithreading to perform multiple GET REST calls simultaneously.

CONTACT

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EDUCATION

The Ohio State University

Bachelor of Science

Computer Science and Engineering
Specialization in Software Engineering
Columbus, OH – May 2022

SKILLS

Technical Skills:

- Swift
- Python
- Java
- React.JS
- C, C++, C#
- Software design and testing

Industry Knowledge:

- Software Engineering
- Agile Methodologies
- Object-Oriented Programming (OOP)

Tools and Software:

- JSON, XML
- Git
- Jenkins
- XCTest
- Xcode
- iOS SDK
- VSCode
- MyBatis
- Java Spring Boot
- NPM