

# JACKSON HAGOOD

Incoming Software Engineer at JPMorgan Chase & Co.

## Profile

Graduated Summa Cum Laude with a degree in Computer Engineering from Texas A&M University in May 2023. Will be rejoining JPMorgan Chase & Co. in August 2023 as a Software Engineer (SEP).

## Education

### BS Texas A&M University 8/2019—5/2023

- Bachelor of Science in Computer Engineering (Computer Science track, CECN)
- Minor in Mathematics
- Summa Cum Laude (4.0 GPA)
- Member of Tau Beta Pi (Texas Delta Chapter)

## Work Experience

### JPMorgan Chase & Co.

- **Software Engineer (SEP)** Starting 8/2023
- **Software Engineering Intern** 6/2021—8/2021
  - Worked as full-stack software engineer on a project deployed into production
  - JavaScript React / Redux front-end
  - Java Spring Boot back-end
  - Cassandra database
  - Deployment with Jenkins
  - Agile development with Jira and Bitbucket

### Teaching Assistant for CSCE 121 9/2021—5/2023

- Led weekly lab sections and held office hours
- Was in charge of auto-grader development for assignments
- Help formulate course materials including exam questions
- CSCE 121 covers object-oriented programming, dynamic memory, debugging, algorithms, and software development

### Code Sensei at Code Ninjas 6/2018—12/2021

- Worked at Code Ninjas The Woodlands and Code Ninjas Magnolia
- Primarily instructive and tutoring work with students aged 7—16 in JavaScript, Python, and C#
- Served in a lead role which included advising other locations and training new Senseis
- Developed documentation for JavaScript curriculum used at several locations across the United States
- Designed and implemented a introduction to Python camp

### Eagle Scout 2013—2018

- ✉ [jagmachat@gmail.com](mailto:jagmachat@gmail.com)
- 📍 Plano, TX
- 🌐 [www.jacksonhagood.com](http://www.jacksonhagood.com)
- 🐙 [github.com/JacksonHagood](https://github.com/JacksonHagood)

## Programming

### C++

- Experience with OOP, algorithms, abstract data types, and computer systems
- Teaching experience as CSE TA

### Java

- Experience with OOP, abstract data types, and multi-threading
- **Spring Boot** API development

### JavaScript

- Asynchronous programming, OOP, and **Node JS**
- **React JS / Redux JS**
- **HTML / CSS**

### Python

- Experience with OOP and mathematical modeling (**NumPy**)
- **Flask** full stack development
- Code Ninjas camp development

### Other Technologies

- **Cassandra**
- **PostgreSQL**
- **Haskell**
- **ARM Assembly**
- **Lua**
- **MATLAB**
- **Git**
- **Jenkins**
- **Jira / Bitbucket**

## Skills

### Electrical Engineering

- Circuit design and analysis
- Signals and systems
- **Verilog**
- **SPICE** and **Multisim**

### Mathematics

- Cryptography
- Calculus / differential equations
- Linear algebra and applied math
- Discrete math

### 3D Modeling & CAD

- **Blender, Maya, and AutoCAD**

### Computer Hardware