

# JACKSON HAGOOD

Computer Engineering Student, Programmer, & 3D Modeler

## Profile

Senior Computer Engineering student at Texas A&M University joining JPMorgan Chase this summer as a Software Engineering Intern. Have also worked as a teaching assistant in the CSE department at Texas A&M University and Code Sensei at Code Ninjas. Seeking to enter Software Engineering upon graduation in May 2023.

## Education

### BS Texas A&M University 8/2019—Present

- Bachelor of Science in Computer Engineering (Computer Science track, CECN)
- Minor in Mathematics
- 4.0 GPA
- Dean's Honor Roll: Fall 2019 — Spring 2021
- 113 hours completed (senior classification)
- Member of Tau Beta Pi (Texas Delta Chapter)
- Expected graduation 5/2023

## Work Experience

### Undergraduate Teaching Assistant for CSCE 121 9/2021—Present

- In charge of leading weekly lab sections
- Hold frequent office hours to assist students with lab exercises and homework
- Help formulate course materials including exam questions
- Grading responsibilities
- 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

### 3D Modeling Tutor 6/2019—8/2019

### Eagle Scout 2013—2018

- Taken courses on leadership and team management
- Led and taken part in community projects, fundraisers, and charity events

- ✉ [hagoojac@tamu.edu](mailto:hagoojac@tamu.edu)
- 📍 College Station, 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

### Python

- Experience with OOP and mathematical modeling
- Code Ninjas camp development
- Flask

### Java

- Experience with OOP, abstract data types, and multi-threading

### Others

- **HTML / CSS**
- **JavaScript**
- **Haskell**
- **ARM Assembly**
- **Lua**
- **SQL**
- **MATLAB**
- **Git**

## Skills

### Electrical Engineering

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

### Mathematics

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

### 3D Modeling & CAD

- **Blender**
- **Maya** and **3DS Max**
- **AutoCAD** (certified in 2019)

### Other

- Computer hardware
- Windows and Linux