JACKSON **HAGOOD**

Computer Engineering Student, Programmer, & 3D Modeler

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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
- 101 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

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