Graeme Bruce Sharpe

(912)247-3464 • gsharpe9@gatech.edu • https://sharpe.life
Currently seeking employment opportunities. Willing to relocate.

EDUCATION

Georgia Institute of Technology- *Atlanta, GA*
Bachelors of Science in Computer Science   *May-December 2020*
- **GPA: 3.09**
- **Major Specific GPA: 3.16**
- **Awards:** Dean's List

EXPERENCE

Employment:
- **Office of Business Services and Procurement (Current):** Worked in the Vendor department for nearly two years. Relatively simple job working under my department manager to ensure Georgia Tech vendors are paid.
- **College of Computing Tutor:** Currently assisting other students in Data Structures and Algorithms, Object Oriented Programming, and Python.

Software:
- Java, Python, C, HTML/CSS, JavaScript, JetBrains IDE's, Android Studio, XCode, Unity, Linux (Ubuntu), GitHub, and Firebase

Course Projects:
- **Design, Build, Fly Competition:** Our interdisciplinary team designed a plane to compete the competition objective. I built multiple full-scale prototypes working with various tools including 3D printers, a laser cutter, carbon fiber, and industrial saws. Assembling the plane reinforced several of my hands-on workshop skills.
- **Objects and Design:** Our group developed an Android, iOS, and web version of an app using Github. I primarily developed the app for the web and Android. I used Android Studio and WebStorm to integrate our backend Firebase and various other API's into both platform. This ensured persistence across platforms.
- **VIP Crowd Sourced Platform:** Briefly worked with a development team of ~18 interdisciplinary undergrads, grads, and professors. This program helped me to learn how to work in a large team and to utilize individuals' strengths.
- **Junior Capstone:** Our team is developing a product to intelligently and efficiently connect people to love needing pets. I contacted potential clients and met with CEO's of various shelters in the Atlanta area as well as plan/design the UI and user functionality.

Personal Projects:
- **Website:** Currently building a website. Using HTML, CSS, JavaScript, MDL, Github Pages, GoDaddy, and Firebase
- **Intelligent Trading Agent:** Currently creating an intelligent trading agent to manage a cryptocurrency hedge using machine learning. Implemented with Python, Anaconda, Tensorflow, Pandas, PyCharm and various other third-party APIs and libraries
- **Mobile App:** I worked with Xcode to create a simple stock watching app. In the little time I had access to a Mac, I was able to create an app with multiple menus and views that connected with various API's to monitor stocks.

LEADERSHIP
Leader of a VIP team
- Our team had to develop scenarios and case uses for our crowdsourcing platform.
- I scheduled meetings and led interdisciplinary discussions over the implementation of our platform

Junior Capstone
- I managed our software issues to be complete at each sprint. Including assigning roles, planning dependencies, and merging code.

TRIVIA
- Very interested in human cognition and computing
- Working on self-publishing a book
- Look like to visit another celestial body