Christian Kim

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EXPERIENCE

Software Engineer Intern   May 2020 – July 2020
Visa | Austin, TX
- Produced a data visualization map which leverages merchant API data in order to visually highlight states that were heavily impacted by COVID-19 economically.
- Participated in intern case challenge, creating a rent payment solution that utilizes merchant measurement API to achieve a contactless payment society.

Teaching Assistant   Aug 2019 – May 2020
Texas A&M Engineering | College Station, TX
- Assisted students in learning engineering applications with Python in a 100-student classroom.
- Held office hours and graded projects/exams.
- Received recommendation for rehire.

EDUCATION

Texas A&M University | B.S. in Computer Science   Expected May 2022

- Relevant Coursework: Data Structures and Algorithms; Computer Organization; Discrete Structures; Computer Systems; Programming Languages; Python Programming
- *President*, Brothers in Engineering, Science, and Technology; *Member,* Aggie Investment Club

PROJECTS

Girls in The Game | JPMorgan Code for Good   Sep 2020
- Streamlined process for matching girls aged 8-13 with common geographic location and sports interests.
- Used Flask backend for CRUD operations and Firebase for database and authentication.
- Developed similarity score algorithm in order to match girls with the 10 most similar girls based on weighted criteria.

Algorithmic Trading Bot | Independent Project   June 2020
- Developed Python trading bot which optimizes returns by increasing diversification and reducing fees.
- Utilized QuantConnect in order to simulate realized returns.

COVID-19 Impact Visualization | Visa Hackathon   June 2020
- Developed an index that measures severity of COVID-19, color coding states that are more impacted by the virus in the United States using VanillaJS.
- Displayed a dashboard providing historical data based on merchant API.
- Project was catered towards aiding the government in delegating monetary relief for states.

Go Microservice | Independent Project   May 2020
- Created a production-ready microservice that connects to a PostgreSQL database using Go.
- Deployed in a Kubernetes cluster for scalability.

ADDITIONAL ACHIEVEMENTS

- **Engineering Project Showcase Finalist**: Awarded for top 3 finish in school-wide Aggie Challenge competition.
- **Research Publication**: Acknowledged as collaborator in polishing of magnetic fluids research under Dr. Satish Bukkapatnam.

TECHNICAL SKILLS

Proficient: Python; C++ | **Familiar:** Java; JavaScript; Go; HTML/CSS | **Technologies/Frameworks:** Git; Flask; Agile