Christian Kim

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EXPERIENCE

Software Engineer Intern May 2021– August 2021
JPMorgan| Plano, TX

- Streamlined data access process with an intelligent voice-assistant.
- Decreased time-to-serve window by 200%.

Software Engineer Intern May 2020 – July 2020
Visa | Austin, TX

- Spearheaded development for data visualization map which leverages merchant API data in order to visually highlight states that were heavily impacted by COVID-19 economically. Utilized **Node.js** for backend. Worked in a virtual **Linux** environment.
- Administered intern case challenge, creating a rent payment solution that utilizes merchant measurement API to achieve a contactless payment society.

EDUCATION

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

- Relevant Coursework: Data Structures and Algorithms; Competitive Programming in C++; Discrete Math; Computer Architecture; Linear Algebra; Object Oriented Design; Artificial Intelligence; Parallel Computing
- *President*, Brothers in Engineering, Science, and Technology; *Member,* Aggie Investment Club

PROJECTS

Software Developer Salary Prediction |Independent Project May 2021

- Implemented decision tree regression with **Scikit-learn** that predicts salary off degree, location, and years of experience.
- Incorporated Machine Learning with the aim of achieving high accuracy in prediction.
- Built web app with **Python** on Streamlit framework

Girls in The Game | JPMorgan Hackathon Sep 2020

- Streamlined process for matching girls aged 8-13 with common geographic location and sports interests.
- Used **Flask** backend for API endpoints 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

- Designed **Python** trading bot using RSI indicator and EMA crossover in order to achieve 12% return in backtesting.
- 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.

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; HTML/CSS | **Technologies/Frameworks:** Git; SQL; Flask; Node