Jason Kuang

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EDUCATION

SUNY University at Buffalo   **Cum Laude**
Bachelor's in Computer Science   **GPA: 3.47/4.00**
Relevant Coursework: Data Structures & Algorithms. Software Engineering. Software Project Management. Web Applications. Software Quality. Advanced Object-Oriented Design. Systems Programming.

PROFESSIONAL EXPERIENCE

Meta. Manhattan, New York   **Jul 2022 - Ongoing**
Software Engineer
- API In-thread Experiences @ Click to Message (CTX) Pillar

Walmart Global Tech. Sunnyvale, California.   **Jun 2021 - Sep 2021**
Demand Forecasting - Software Engineer Intern
- Reduced false positive errors by 48% by optimizing threshold for data equality checks between databases
- Created data quality checks and sanitizers to ensure forecasting accuracy for datasets of ~480 million entries
- Implemented new data pipelines into production, ingesting data from ~270 million entries on weekly basis
- Utilized Apache Spark and Azure Databricks in feature engineering new pipelines for unexplored markets.
- Participated in team sprint planning and followed the Agile development principles utilizing Jira

Park Optics. Brooklyn, New York.   **Jul 2018 - Aug 2018**
Technical Intern
- Wrote scripts to update ~2,000 legacy medical files, saving tens of hours of manual standards updating
- Digitized medical records and monitored them to successfully eliminate physical record mishandling
- Handled confidential patient insurance/medical information and underwent HIPAA training

PROJECTS

Valor (Chat Bot)   **Jul 2020 - Ongoing**
- Created a chat bot that runs on the Discord.py API that tracks real-time champion and match data utilizing Riot Games REST Developer API for the popular League of Legends multiplayer game
- Built a self-updating cache of hundreds of playable characters that automatically refreshes itself when the game receives changes, eliminating any chance of inaccurate return data
- Maintained a live leaderboard of the top 300 players in the North American server that rebalances as its player rankings fluctuate

Wolves of A9 (Web App)   **Aug 2020 - Dec 2020**
- Created Django web application that allowed users to create accounts with their stock portfolios and receive mathematical analysis on their assets utilizing the Quandl API
- Oversaw the object-oriented design for the stocks and portfolios, along with self-refreshing to have accurate stock prices during market open and market close

ADDITIONAL INFORMATION

Languages: Kotlin. Hack/PHP. Java. Python. Scala. Javascript. C/C++. HTML/CSS. Swift.
Frameworks/Tools: Git. Mercurial. Phabricator. Litho. React. Docker. Django. Spark. Hadoop. Azure. Jira.
Extracurriculars: Theta Tau (ΜΓ). Society of Asian Scientists and Engineers.
Awards: 2020 Spring Dean's List. 2020 Fall Dean's List.