JEFFREY KAO

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WORK EXPERIENCE

Excelsior School, Arcadia, CA   September 2014 – Current
Data Administrator/Lead Developer
- Developed online school where we have full high school accredited online program.
- Developed new web application and other internal tools for physical school.
- Managed backup, recovery, security, and optimization of all records across multiple database management systems: Postgres, MySQL, Oracle

PrimeTime Picks, San Francisco, CA   November 2013 – July 2014
Full Stack Developer
- Prototyped web-based real time sports picking game using Rails 4, Postgres, and Javascript.
- Architected backend JSON API for iOS application using Rails 4.
- Server maintenance and deployment for staging and production servers.
- Ran a closed iOS beta test using TestFlight with approximately 100 users.
- Worked with front-end of iOS application.

Alation, Palto Alto, CA   June 2013 – October 2013
Front End Engineer
- Helped build business intelligence software as a web application using Django for a framework and numerous JavaScript libraries.
- Worked with product manager to implement many user interface changes to optimize experience for customers.
- Refactored and reformatted thousands of lines of code. Also implemented LESS into product.
- Tested and QAed new features and fixed bugs.
- Established and documented Git workflow for company.

EDUCATION

Syracuse University   December 2020
- Masters of Science in Data Science

University of California, San Diego   December 2009
- Bachelor of Science in Biological Sciences

SKILL SETS

Technical Skills
- Database Management, Data Mining, Data Analytics, Machine Learning
- Python, R, Excel, Tableau, Apache Hadoop and Spark, Postgres, MySQL, Oracle
- Ruby, Ruby on Rails, Django, HTML5/CSS3, Javascript, git, cloud computing (AWS, Google Cloud)
- Adobe Photoshop and Illustrator

Languages
- Fluent in conversational Mandarin, Taiwanese, and working knowledge of Spanish.

OTHER

- Interests: golf, tennis, League of Legends, sports analytics (NBA, NFL, MLB), ski and snowboard, marksmanship