Julian Chan

Organized, highly-motivated 4th year Electrical Engineering and Computer Science undergraduate who thrives in a fast-paced, team environment and always looking to learn from new experiences. Currently seeking full-time Software Engineer or Data Analyst position.

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Work Experience

UC Berkeley EECS Dept. – Undergraduate Student Instructor
January 2018 – Present
Berkeley, CA

- Improved Jupyter (Python) notebooks and lab documentation by incorporating feedback from previous students
- Mentored lab assistants to provide an optimal lab experience for students
- Facilitated a weekly lab section of 50 students

Jardine OneSolution (HK) Limited – Big Data Trainee
June 2018 – August 2018
Kowloon, Hong Kong

- Enhanced IT solution suite by creating a social media data extraction tool and Natural Language Processing interface for Facebook, Instagram, Weibo, Twitter, and LinkedIn
- Designed data pipeline to expedite prototyping process from data acquisition to storage and visualization

Southern California Edison – Power Systems Technologies Intern
May 2017 – August 2017
Westminster, CA

- Led the creation of a tech-talk series within the R&D department to introduce and discuss new technologies to be potentially added to the workflow
- Optimized company's server load by 70% by integrating a compression script within the live monitoring and reporting system
- Prototyped automatic system-wide allocation of resources by forecasting shifts in peak system load due to solar penetration using time series analysis and machine learning models

Education

University of California, Berkeley – B.S. in Electrical Engineering and Computer Science
August 2015 – May 2019
Berkeley, CA

Relevant Coursework: Data Structures, Algorithms, Machine Learning, Artificial Intelligence, Deep Neural Networks, Database Systems, Optimization Models, Time Series, Random Processes, Signal Processing, Electric Power Systems

Skills

Technical   Python, Java, SQL, Windows, Git

Productivity   Microsoft Office, Adobe Photoshop and Illustrator

Language   English, Conversational Cantonese