Julian Chan

309 Avondale Avenue
Monterey Park, CA 91754
(626) 262 - 1223
julianchan0928@gmail.com
https://julian-chan.github.io
https://linkedin.com/in/julianncchan

Work Experience

IXL Learning – San Mateo, CA
Software Engineer, July 2019 – Present
- Business Platform Engineering Team

UC Berkeley EECS Dept. – Berkeley, CA
Undergraduate Student Instructor, January 2018 – Present
- 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 – Kowloon, Hong Kong
Big Data Trainee, June 2018 – August 2018
- 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 – Westminster, CA
Power Systems Technologies Intern, May 2017 – August 2017
- 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 – Berkeley, CA
Bachelor of Science in Electrical Engineering and Computer Science, August 2015 – May 2019
- **GPA:** 3.59/4.00
- **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