Michael Ting

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I like data. I love helping people. I'd love to use data to empower people.

EXPERIENCE

Data Engineer Intern (2020) – FOX

+ Wrote a robust library of data validators for quick and automated anomaly detection. 25 hr/wk saved for Ad Operations team (Great Expectations, S3, Apache Airflow)
+ Then, created a multi-level warning system for monitoring the validation and testing processes with CloudWatch Alarms

Data Analytics Intern – WarnerMedia

+ Build SQL and Python programs to centralize daily Broadband Royalty transactions. Upgrade in flexibility and ability to debug saved the Business Analytics team an estimated 10 hr/wk.
+ Detected, debugged, and compiled report and documentation on widespread error in promotional event data pipeline, improving accuracy of resulting reports by ~40%.

Software Engineering Intern – SAS Institute

+ Automated the collection of test coverage results by building and deploying a Jenkins server. 10 hr/wk saved for DevOps Testing Automation team.
+ Ideated, designed, and developed a solo intern project: a web UI to display Deployable Unit promotion traversals for non-technical personnel to much more easily access, as an upgrade over the static daily Excel sheets (Flask, Django, Python, JavaScript)

PROJECTS

Exploring UCLA Enrollment Data – Website

+ Created a Go scraper to collect hourly enrollment data in real-time from UCLA's Schedule of Classes website.
+ Deployed as an AWS Lambda function, and stored in a PostgreSQL database.
+ Made a final write-up with many interactive data visualization using Chart.js and React.

Ok, Zoomer – Chrome Extension

+ Allows UCLA students to add a class's Zoom link and password to their official Class Planner on the student portal for easy access later (Currently 300+ downloads)

EDUCATION

B.S. in Applied Mathematics (Expected 2022) – UCLA

+ GPA: 3.98. Dean's Honors List (8/9 quarters), UCLA Achievement Scholarship.

SKILLS

+ Programming Languages: JavaScript, Python, C++, MatLAB, Go
+ Frameworks & Misc: React, Django, Flask, SASS, SQL, AWS (S3, CloudWatch, Lambda), Apache Airflow, Great Expectations

OTHER INTERESTS

+ Member of the Kashima-Shinryu club (Japanese Martial Arts club)
+ UCLA All Brains (Neurodiversity Advocacy club) Training Head