

Julian Wilkinson

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EDUCATION

Bachelor of Science in Computer Science with a Minor in Linguistics
University of California, Davis

March 2019
GPA 3.51

PROFESSIONAL EXPERIENCE

SAP America - San Ramon, CA

June 2018 to August 2018

iXp Program Software Engineering Intern

- Independently researched, created, and tested a plug-in for InfluxData's Telegraf in Golang to pull metrics from Google Cloud Platform's Stackdriver Monitoring via gRPC APIs. Plug-in will be used with every SAP HANA instance on Google Cloud Platform
- Designed plug-in to be efficient via concurrent programming paradigms, robust by means of dynamic error recovery, and configurable reflective of the end user's needs
- Honorable Distinction: Best Final Project Presentation in San Ramon Office

Internship and Career Center, UC Davis - Davis, CA

September 2016 to Present

IT Student Assistant

- Developing a fraudulent job posting data management web application using PHP, JS, HTML, and Access. Application allows for secure input and management of hundreds of entries by multiple employees simultaneously - *Planned Completion November 2018*
- Engineering a pipeline for social media marketing that allows for the development of ideas from students and for the easy feedback and approval by full time employees. Pipeline will combine Google Forms and Trello using PHP APIs - *Planned Completion November 2018*
- Automated detection and alerting of text encoding errors in service provider SOAP API for the UCD Postdoctoral Job Postings RSS feed; Fixes are suggested automatically.

TECHNICAL SKILLS

- Proficient in: Golang, Python, PHP, HTML, CSS, Javascript
- Familiar with: Microsoft Access, C++, Rust, R, Prolog, Maven
- Unit testing

PERSONAL AND ACADEMIC PROJECTS

Wyd? (What [are] you doing?) : HTML, CSS, JavaScript

Spring 2018

ECS 189H, Human Computer Interaction Final Project

- Conceived and designed a web application aimed at facilitating social interaction during gaps in a student's schedule
- Directed creation of interactive demo and created main view of application

Safer : HTML, CSS, JavaScript

August 2017

Out4Undergrad Pitch Competition - *2nd Place*

- Directed a team of three in the development of a web application designed to help disrupt the transmission of STDs
- Lead design and creation of presentation to introduce *Safer* to judges at Twitter HQ