

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 flexible in its configuration and efficient for its purpose from interviewing fellow telemetry team members
- 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 Access, PHP, JS and HTML. Application allows for secure input and management of hundreds of entries by multiple employees simultaneously - *Planned Completion October 2018*
- Created a tool to detect and fix text encoding errors received from an API using PHP

TECHNICAL SKILLS

- Proficient in: Golang, Python 3, HTML, CSS, Javascript, JQuery, PHP
- Familiar with: Microsoft Access, C++, Rust, Prolog, R
- 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 wrote core timeline section of application

Diaphoneme Swap : Prolog

Fall 2018

LIN 177, Computational Linguistics Final Project

- Engineered a program that takes the phonetic transcription of an english word in one dialect and translate its phonetic vowel transcription into another dialect of English (i.e. American English to British English) based on the work of phonetician John C. Wells

Safer : HTML, CSS, JavaScript, MySQL

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