

# Julian Wilkinson

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## EDUCATION

Bachelor of Science in Computer Science with a Minor in Linguistics  
University of California, Davis  
GPA 3.51

March 2019

## PROFESSIONAL EXPERIENCE

iXp Program Software Engineering Intern

June 2018 to August 2018

SAP America | San Ramon, CA

- Worked independently to research, create, and test 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
- Awards: Best Final Project Presentation in San Ramon Office

IT Student Assistant

Sep 2016 to Present

Internship and Career Center, UC Davis | Davis, CA

- 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, HTML, CSS, Javascript, JQuery, PHP
- Familiar with: Microsoft Access, Python, C++, Rust, Prolog, R
- Unit testing

## PERSONAL PROJECTS

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

Spring 2018

ECS 189H, Human Computer Interaction Final Project - A+

- 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 - A+

- Designed 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