

## EDUCATION

### UC Santa Cruz

B.A. in Computer Science // 2017

- Set school record which has not yet been beat in UCSC Natural Language Processing team competition using Python NLTK
- Wrote recommendation algorithm, designed database and styled web app for a craft beer recommendation app for Android and web
- Created a fault tolerant "Redis" light distributed system using Docker and Node.js

## PERSONAL PROJECTS

- Created a browser based video and mp3 player in React.js and Node.js that plays Youtube, Soundcloud, local files, Vimeo videos and music.
- VR projects including procedurally generated Maze Explorers, managed physical locomotion algorithms (endless walking) and AI non player character behavior models.

## WORK EXPERIENCE

### Web Developer

UC Berkeley Middle Eastern Department // Oct 2016-Present, Berkeley, CA

- Designed and built an educational web app currently in use by students in the Hebrew department in vanilla JavaScript
- Maintain the UC Berkeley Hebrew department website/ databases and help automate content and refactor legacy PHP codebase

### Full Stack Developer

Artirigo AG // Summer 2016, Bamberg Germany

- Created program that used data pulled from several sources online to generate walking paths of cultural points of interest in European cities via machine learning with Node.js and Google API, deployed via Docker.
- Built and deployed a highly available distributed backend system for a project with the German Ministry of Finance using Digital Ocean, Keepalived and Docker images.
- Lead team to create new CMS for client museums in Laravel 5, JavaScript and AWS.

### Front-end Engineer Intern

Doughbies // Summer 2014, San Francisco CA

- Created website for a baked goods startup in Meteor.js and Twitter Bootstrap.

### Interactive Content Producer / QA Lead

WinView Inc // 2012-2013, Menlo Park, CA

- Planned and conducted A/B, unit and usability testing for interactive television mobile iOS app. Managed and hired 15 testers for usability and QA testing.

## SKILLS

### Proficient

Python  
JavaScript  
PHP  
Html/CSS

### Familiar

AWS/Digital Ocean  
Node.js  
React.js  
webpack  
Chai  
Laravel 5  
Django  
Flask  
PyUnit  
SQL / NOSQL  
Jira