

Arman Riahi

Skills

Node, Express,
JavaScript, React,
MongoDB, SQL,
IndexedDB, Python,
Bootstrap, MATLAB,
Aspen, HTML, CSS,
git, Github, jQuery

CONTACT



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WORK EXPERIENCE

Summer Computing Camp Instructor @ eBay July 2019 – August 2019

- Taught a Python course at eBay's summer coding camp
- Developed curriculum and presented material to a class of students
- Provided side-by-side guidance for students in developing and presenting a project

Research Intern, Block Lab @ UC Davis September 2016 – June 2019

- Conducted experimental work on the mechanisms of ethanol tolerance in yeast
- Set up, monitored, and analyzed fermentations in conjunction with graduate student
- Performed experiments examining the effects of temperature, pH, and grist ratio on the kinetics of starch hydrolysis during the mashing process

Bioprocess Technology Intern @ Marrone Bio Innovations June 2018 - September 2018

- Set up, operated, and analyzed fermentations in both five- and ten-liter fermentors
- Developed a chemical kill process that is pending EPA approval
- Designed experiments and corresponding batch records

PROJECTS

- **Splitsy** - A full stack web application that uses optical character recognition (OCR) technology to convert a user uploaded receipt image into a virtual receipt. Users can then easily add payers to the virtual receipt and assign items, simplifying the receipt "split up" process. Built with React, Node.js, Express, MySQL, Passport.js and OCR.space API.
- **Reddit Clone** - A full stack web application that mimics the primary functionality of the popular discussion forum "Reddit". Built with Node.js, Express, MySQL, and jQuery.
- **The WatchList** - A web app that leverages Guidebox API to allow users to search for movies and add/remove them from a WatchList. The search will display buttons that link to services that the movie is available on (Amazon, Netflix, etc). If the movie searched for is currently in theaters, the site will provide a map with local movie theaters through the use of Google Maps API.

EDUCATION

UC Berkeley Extension, San Francisco, 2019 - 2020

Full Stack Web Development

- A average

UC Davis, Bachelors of Science, 2015 - 2019

Major in Chemical Engineering

- 3.6 GPA - Dean's Honor List