

Jared Baur

Software Engineer
<https://jmbaur.com>

Tempe, AZ 85284
jaredbaur@fastmail.com

SKILLS

Software: Javascript, React, Redux, Node, Express, HTML, CSS, Python, SQL, Unix/Linux, RHEL/CentOS, SystemD, virtualization/containerization, TCP/IP networking, \LaTeX

Miscellaneous: Vim, Git.

EDUCATION

DevMountain 2020 (honors graduate)

Web Development: React, Node, Express, Javascript, HTML, CSS

Occidental College 2019

Bachelors: Physics and Mathematics

Relevant Coursework: Differential Equations (PDEs and ODEs), Statistical Mechanics

Extra Curricular: 4 year starter, 2 year leader for Occidental College NCAA baseball team

EXPERIENCE

Fullstack Student Developer

January 2020 to April 2020

DevMountain
Phoenix, AZ

- Front-end technologies include React, Redux, Chartjs, D3, React-Table, Socket.io
- Back-end technologies include Node.js, Express, Bcrypt, Massive (PostgreSQL), Mongoose (MongoDB), Socket.io
- Project #1: Fullstack site that tracks moods of the user is hosted at <https://dailymoodtracker.com> (code is at <https://github.com/jmbaur/mood-tracker>)
- Project #2: Fullstack site for collaborative drawing is hosted at <http://colorizer.io> (code is at <https://github.com/jmbaur/colorizer>)

IT Technician Contractor

September 2019 to January 2020

CSAA
Glendale, AZ

- Provided support for employees with desktop, networking, and/or other software related incidents
- Used Citrix XenServer, Active Directory, and LDAP to diagnose employee concerns
- Collaborated with other teams to write shell scripts to solve problems concerning employee security

Data Analyst Intern

June 2018 to December 2018

Abbott Laboratories
Sylmar, CA

- Processed data for malfunctioned products using Excel and VBA macros
- Created a web scraping tool in Python using the Beautiful Soup library that scrapes Twitter posts about the company
- Automated the web scraping tool using Powershell and cron jobs.

Student Mentor & Campus Recruiter

January 2016 to January 2017

CollegeSpring
Los Angeles, CA

- Mentored and managed a group of 6 high school students for the SAT and college preparation material on a weekly basis

- Recruited future mentors from my college by hosting meet-up/info sessions and participating in club recruitment

PROJECTS

Concussion Analysis (senior year physics research project): Dynamic Mode Decomposition mathematical technique used to analyze the forces occurring in the brain on head impact. The modes and frequencies found from the DMD analysis were used to predict probable mild traumatic brain injuries.

REFERENCES

Luke Wetmore, Occidental College Baseball Head Coach, (323) 259 2683
Aaron Milam, Abbott Laboratories Senior Engineer, (626) 695 6903
Stuart Rugg, Occidental College Kinesiology Professor, stuart@oxy.edu
Adam Kent, DevMountain Instructor