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 — DevMountain
January 2020 to April 2020 — Phoenix, AZ

- Developed a fullstack site that tracks moods of the user
- Front-end libraries include React, Redux, Chartjs, and React-Table
- Back-end libraries include Express, Bcrypt, and Massive
- Project is hosted at https://dailymoodtracker.com
  (code is at https://github.com/jmbaur/mood-tracker)

IT Technician Contractor — CSAA
September 2019 to January 2020 — 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 — Abbott Laboratories
June 2018 to December 2018 — 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 — CollegeSpring
January 2016 to January 2017 — 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