

## Jared Baur

Full-Stack Developer  
Software Engineer

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, L<sup>A</sup>T<sub>E</sub>X  
**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 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