

Experience

Software Engineer

UCSD - HUBzero

Sep 2019 - Present

- Technical lead on contract-based client projects
- Key member on team transitioning core product from PHP monolith to Clojure microservices
- Reduced ticket processing workload by 85% through development of automated aggregation system
- Drove organization-wide adoption of SCRUM-based development practices
- Increased new feature test coverage by 70%

Full Stack Developer

Purdue - HUBzero

May 2017 - Sep 2019

- Built platform for sharing, leading intercultural learning activities used at over 80 universities
- Developed data collection system used by physicians at 18 hospitals across the U.S.
- Investigated and resolved user-reported software defects across full stack
- Deployed critical updates to over 20 client systems

Web Development Apprentice

Viking Code School

Oct 2016 - Feb 2017

- Applied development best practices to create full-featured web applications
- Provided feedback to teammates during daily code reviews
- Created user stories based on application specifications

Skills

Languages

Clojure, JavaScript, Ruby, PHP

Platforms, libraries

Reagent + re-frame, React + Redux, Ruby on Rails, LAMP

Web

HTML5, CSS3, jQuery

Other

git, SQL, Linux, Ansible

Education

Purdue University

Jan 2018 - Dec 2019

Mathematics for Computer Science (4.0 GPA)

UC San Diego

Sep 2008 - Dec 2012

B.A. Political Science (3.7 GPA)