

David Parker

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Education

California State University - Fresno

BS IN COMPUTER SCIENCE (MINOR IN BIOLOGY)
GPA: 3.75 Major, 3.22 Cumulative

Fresno, CA

Aug 2013 – Dec 2018

Skills

Languages Python, JavaScript, HTML5/CSS3, SQL
Frameworks Flask, Aiohttp, React.js, Vue.js, AngularJS
Tooling Docker, Kubernetes, Terraform, Git
Cloud EC2, EKS, S3, CodeBuild, Lambda, DynamoDB, CloudFront, Route53

Work Experience

FocusVision

Remote/Fresno, CA

ASSOCIATE SOFTWARE ENGINEER

May 2018 – Present

- Defined Kubernetes services and CI/CD pipelines with Terraform
- Implemented API integrations between internal and external back end services
- Implemented new and redesigned old complex user interfaces
- Developed an automated monthly usage report email system for billing purposes
- Designed a parser and builder for a custom logic format to track dependencies within surveys
- Documented and exposed internal-facing API endpoints to facilitate external integrations
- Maintained strict testing standards for new services, including unit and end-to-end tests
- Resolved production issues collaboratively with SREs and engineering leadership

FocusVision

Fresno, CA

DEVELOPMENT INTERN

Jan 2018 – May 2018

- Optimized a bottleneck in a critical frontend algorithm
- Collaborated with outsourced teams in platform redesign initiative
- Participated in a 5 member team that adhered to the scrum process framework
- Maintained 20 year old monolithic survey software

Pizza Factory

Madera, CA

DELIVERY DRIVER

Dec 2015 – May 2018

- Ensured customers received their correct order as quickly as possible
- Assembled pizzas and cleaned dishes inbetween deliveries

Kennel Bookstore

Fresno, CA

TECH DEPARTMENT ASSOCIATE

June 2013 – May 2016

- Launched a new section of the store website to host information regarding new DISCOVERe program at Fresno State
- Resolved customer technical issues and advised customers on technical products
- Earned Apple Sales Certification requiring frequent knowledge tests
- Updated store website promotions and online inventory photos using Adobe Photoshop and Illustrator

Projects

StudyGroup

DESKTOP APP FEATURING GROUP CHAT, COMMUNAL WHITEBOARD, AND SHARED FLASHCARDS

Qt C++, PHP, TCP, Git, AWS EC2

github.com/dparker2/StudyGroup

2048 AI Project

PUZZLE GAME WITH OPTION FOR AI AGENT TO PLAY

Python2, AI, Tkinter

github.com/dparker2/2048-Expectimax-AI

Disperse

WINDOWS SERVICE TO MANAGE WINDOW LAYOUT VIA HOTKEYS

C++, Windows API

github.com/dparker2/disperse

Microsockets

AN ASGI PYTHON WEBSOCKET LIBRARY

Python3, ASGI, PyPI, Pytest, Asyncio

github.com/dparker2/microsockets-py