

DAVID PRASSE II

dprasse@utexas.edu | www.davidprasse.com
Santa Clara, CA 95054 • 214.938.6001

EDUCATION

The University of Texas at Austin Bachelor of Computer Science, Major May 2020

TECHNICAL SKILLS

Languages: Experienced: Go, Python; **Familiar:** JavaScript, Java, Rust, HTML, CSS

Frameworks: Kubernetes, Docker, Git/Github, AWS, REST API, Flask, Django, Swagger/OpenAPI, CI/CD, Sentry, Yarn, npm, NodeJS, Webpack, VueJS

Databases: PostgreSQL, MongoDB, CouchDB

Interests: Scalability, Microservices, Performance, Security, Software Engineering, Internal Tools

EXPERIENCE

Apple, Inc. – *Software Engineer, TDG Productivity Tools; Sunnyvale, CA* April 2020 – Present

- Engineer providing performance and productivity tools for AR/VR organization.
- Directly Responsible Individual (DRI) for multiple projects, including production-grade projects.
- Daily Responsibilities include planning, delegating, scaling, and maintaining these projects while maintaining high-availability.
- Identified and improved core authentication and security models, added alerting and bug reporting to projects with Sentry.
- *Tech Stack: Go, Python, JavaScript, PostgreSQL, Docker, Kubernetes, REST Api, Microservices, Sentry*

Apple, Inc. – *Software Engineering Intern, Software Delivery; Cupertino, CA* June 2019 – Aug 2019

- Enhanced security and added alternative encryption/decryption support for Apple's Signing process
- Developed a Full-Stack application to reduce time in on-boarding process from 2-3 Business days to 3 minutes
- Test-Driven development with extensive test cases on Backend/Frontend; wrote detailed documentation on new API
- *Tech Stack: VueJS, Yarn, Ruby, Grape, RSpec, Swagger/OpenAPI, PostgreSQL, REST Api*

JuvodHR – *Full-Stack Dev Intern; Austin, TX* Jan 2019 – May 2019

- Helped streamline sales and increase customer retention by renovating the user interface with modern frameworks
- Migrated legacy codebase from static HTML into a responsive and mobile-friendly version with Vue
- Removed dependencies on outdated and unstable versioning; added extensive documentation for future developers
- *Tech Stack: Docker, Kubernetes, Django, PostgreSQL, Vue, npm*

Hewlett Packard Enterprise – *DevTools Software Intern; Fort Collins, CO* May 2018 – Aug 2018

- Automated process of acquiring preconfigured VM's for remote scale testing on HPE Synergy and C7000 appliances
- Reduced workflow time by up to 90% for over 800 SW Developers across multiple sites within HPE OneView
- Automated acquiring process allows custom configurations and can be easily extended for future enhancements
- *Tech Stack: Django, Python, JavaScript, Jenkins, Docker, PostgreSQL*

Hewlett Packard Enterprise – *Software Defined Cloud Intern; Houston, TX* May 2017 – Aug 2017

- Developed a responsive front-end and data visualization tool called IRIS
- Automated firmware matching and health status indicators on a global scale for HPE's Synergy systems
- Awarded 2nd place for best technical project and presentation in the best-in-class intern competition (50+ competing interns)
- *Tech Stack: HTML5, CSS, JavaScript + jQuery, D3, Highcharts, CouchDB*

Prasse Media – *Founder, Self-Employed, CPA Marketing; Cypress, TX* Feb 2013 – Feb 2017

- Consulted with publishing agencies on promoting new offers and targeted different geolocations based on offer availability
- Developed niche-related websites for a given campaign; optimized websites with on-page search engine optimization (SEO)
- Acquired large amounts of traffic through Google SEO ranking and conducting viral social media campaigns
- Generated \$105,000+ in gross revenue from FY 2013-2017