Phoenix, AZ
Full Stack Software Engineer

Trevor Otto Forrey

(480) 216-7461
trevor4e@gmail.com

EMPLOYMENT

Software Engineer **Axosoft** **January 2019 - Present**

GitKraken (August 2020 - Present)
- Lead implementation of UI for multiple features in GitKraken.
- Created reusable UI components which sped up entire team development of new features.
- Designed and implemented multiple backend services for customer facing and internal features.

Projects: Deep Linking, GitHub PR View, Notification System, Teams Panel, Payment Migration, CRM Service.

Glo Boards (January 2019 - August 2020)
- Created, designed, implemented, and maintained frontend and backend of many Boards features.
- Significantly improved developer experience by moving backend development off docker-compose to a hot reloaded Kubernetes cluster per developer.
- Mentored summer interns and new hires to ease them into the team's codebase and processes.

Projects: Boards Slack App, Boards Automation, Dashboard Timelines, Calendar Feeds

Software Engineer, Intern **Garmin** **Summer 2018**
- Optimized loading and rendering of a 3D terrain modeling library for flight situational awareness.
- Analyzed quality of 3D rendering to determine a heuristic for smooth terrain at different distances.

Software Engineer, Intern **Boeing** **Summer 2016 – Fall 2017**
- Created, debugged, and maintained mission critical test scripts to support updates to a helicopter program.

EDUCATION

M.S. / B.S. Software Engineering **Arizona State University** **Fall 2013 - Spring 2019**
- Coursework: Multiprocess Oper Sys; Web Apps and Mobile Systems; Databases; Distributed Systems; Advanced Data Structures and Algorithms; OO Software Dev; Software Design; Micro Comp. Architecture
- Master's: 3.89 GPA Bachelor's: 3.94 GPA, Summa Cum Laude

PROJECTS

- **Deep Space Visualizer** (2019). 3D simulation where users can explore the location and path of a ASU satellite launch. *ThreeJS, React, Python*
- **OttoDB** (2018). Key-value database with concurrency control and transactional capabilities. *Go*
- **SousChef** (2018). Google Home application that aids in cooking. *NodeJS, MongoDB*
- **Web Bluetooth Robot Controller App** (2018). Web app that allows control and programming of a bluetooth robot. *Javascript, VueJS*
- **Organic Robotic Head** (2016). Interactive art piece with a motorized head and field of LEDs that react to user touch. *C*

LANGUAGES AND TOOLS

- **Javascript, Typescript, Java**
- **React; NodeJS; MongoDB; Microservices Architecture; Docker; Kafka**
- **Git; Agile Process; CI/CD; Unity**