

KEANU KERR

keanukerr.com

github.com/keanuk ··· linkedin.com/in/keanukerr

+1 512-450-8961 ··· keanu@kerr.us

SKILLS

Programming Languages **Frameworks & APIs** **Technologies & Services**

Go, Java, Python, TypeScript, JavaScript, Rust, C++, C, Bash
Spring, JAX-RS, Node, Angular, Elasticsearch, PyTorch
Linux, Git, REST, GraphQL, SQL, Docker, k8s, AWS, Azure

EXPERIENCE

Bread Financial

Software Engineer

March 2023 - Present

Philadelphia, Pennsylvania

- Developed REST and RPC APIs using Go and integrated them with Postgres databases
- Led small team to create new API and migrated functionality from older project
- Deployed APIs as Docker images on Kubernetes platform

General Motors

Software Engineer

February 2020 - March 2023

Austin, Texas

- Created REST APIs using Spring Framework and JAX-RS integrating with Oracle SQL databases
- Increased performance of search APIs by deploying and integrating Elasticsearch cluster
- Employed TDD and CI/CD practices using Docker and Kubernetes clusters hosted on Azure

Elgato

Software Engineer Intern

May 2016 - August 2016

Munich, Germany

- Created test overlays for Game Capture software written in JavaScript
- Worked on internal metrics monitoring page written in Angular
- Used Git to collaborate with other teams of developers on internal web applications

PROJECTS

University of Edinburgh

Master's Dissertation Project

April 2019 - August 2019

Edinburgh, Scotland

- Created multiplayer role-playing game in Java with JavaFX and peer-to-peer networking
- Designed using OO design patterns with intent of being used as a learning tool for students
- Created documentation for setup and possible ways to extend functionality

University of Florida

Senior Project

January 2018 - May 2018

Gainesville, Florida

- Built front end Angular web application allowing users to create custom game characters
- Integrated with back-end service written in Go to store user profiles and character data
- Self-hosted website and related components on home server

EDUCATION

University of Edinburgh

MSc in Informatics

November 2019

University of Florida

BSc in Computer Science

Minor in Studio Art

May 2018