KEANU KERR

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EDUCATION

University of Edinburgh — *November 2019*
MSc in Informatics

University of Florida — *May 2018*
BSc in Computer Science
Minor in Studio Art

SKILLS

Programming Languages   Java, Python, TypeScript, JavaScript, Rust, Go, C++, C, Bash
Frameworks & APIs   Spring, JAX-RS, Node, Angular, Elasticsearch, PyTorch
Technologies & Services   Linux, Git, REST, GraphQL, Docker, Kubernetes, AWS, Azure

EXPERIENCE

General Motors — February 2020 - Present
Software Engineer — *Austin, Texas*

· Created REST APIs using Spring Framework and JAX-RS integrating with 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 — May - August 2016
Software Engineer Intern — *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

Rapid Genomics — January - April 2016
Software Engineer Student — *Gainesville, Florida*

· Full stack web development with MEAN stack to develop genome sequence monitoring page
· Emphasized front end design and improved communication performance with Mongo DB
· Used Git for collaboration and adhered to Agile principles

STUDENT PROJECTS

University of Edinburgh — April - August 2019
Master's Dissertation Project — *Edinburgh, Soctland*

· Implemented role-playing game in Java
· Designed with intent of being used as a learning tool for students
· Used MVC pattern and applied other design patterns and OOP principles
· Implemented network-based multiplayer functionality

University of Florida — January - May 2018
Senior Project — *Gainesville, Florida*

· Built front end Angular web application allowing users to create custom characters
· Worked in a group to create custom GoLang server to store data
· Self-hosted website on a home server