

Kenan Farmer

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EXPERIENCE

Deloitte *Senior Software Engineer*

June 2019 – Curr.

Led migration to cloud-native service oriented architecture. Implemented DevSecOps to decrease lead times and achieve higher product quality, delivery and resilience. Implemented microservices and serverless functions for data processing and building of a knowledge graph of collated data sources and human intelligence. Met with Clients to discover feature requests and needs.

Capital One *Technology Associate*

Sept. 2018 – June 2019

Built Java Spring microservices for report running against data stored in S3. Used React/Redux for UI and UX with real-time user monitoring. Worked with Scala and Spark along with infrastructure as code technologies to provide scalable environments customized to each client's data requirements. Optimized Spark operations for data streaming applications.

eVestment Inc. *Technology Intern*

May 2016 - August 2016

Led from idea to production three frontend applications, backend in .NET and database in Microsoft SQL. Built Administration pages for data validation and analysis of asset manager data. In company hackathon implemented machine learning algorithm to automatically classify products and optimize product similarity searching.

EDUCATION

Princeton University

September 2014 – June 2018

Bachelors of Science and Engineering in Computer Science
Certificate in Statistics and Machine Learning
Varsity Track and Field and Cross Country athlete

SKILLS

Technologies: Scala, Java, Javascript, Python, SQL(postgres, mysql), R, C, C#, C++, Go, Rust, Kubernetes, .NET, GitLab CICD, Jenkins Pipelines, Graph Databases, Cassandra, Document stores, Terraform, Ansible, Docker

Certifications: AWS Solutions Architect Associate

Projects

IARPA Map of the World Contest

Semantic Segmentation for pulling out the outer walls of structures based off of high resolution multi-spectral imagery
Intelligence Advanced Research Project Agency's functional map of the world contest. Evaluated and modified leading convolutional neural networks along with recurrent neural networks to account for multi-spectral imagery

Awards & Community Involvement

American Mathematics Competition Finalist and qualifier for International Mathematics Exam
Volunteer Track Coach for 4 years
Three time Georgia State Champion in 2 mile and mile