Kleia A. LaRoe

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GitHub://kleiaLaRoe
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Professional Summary

A highly resourceful, flexible, dependable, and enthusiastic software engineer that has been able to provide insight on projects to multiple teams and business partners. Has demonstrated a capability of helping others learn applications and produce quality code.

Work Experience

Mar 2019 – Present — Shelter Insurance
Software Engineer

Implement high quality code in an agile, test-driven development environment using automation and best practices

Work with cross-functional agile teams to collaborate, educate, and learn from Product Owners, Scrum Masters, Business Stakeholders, and other teams.

June 2016 – Aug 2018 — University of Missouri
Research Assistant

Analyzed 3-dimensional data to extract features, train and test models, and give a baseline of accuracy to compare against.

Presented results and findings on a weekly and semesterly basis.

Education

Master of Science, Computer Engineering — **December 2018**

Thesis: **Detecting explosive hazards in 3D radar imaging through clustering and sequential learning**

Bachelor of Science, Electrical and Computer Engineering — **December 2016**

Minors: Computer Science and Mathematic

Skills

- Strong programming skills in Java (5 years)
- Moderate experience with GIT, JIRA, and modern IDE's (IntelliJ and Eclipse) (5 years)
- Moderate programming skills in JavaScript, SQL, HTML, XML (3 years)
- Able to work in an Agile environment with team to produce quality code
- Strong written and verbal communication with team members to help deliver quality code
- Committed to continuous learning and researching topics that are unfamiliar
- Strong interpersonal skills and capable of finding solutions in stressful environments

Publications

Detecting explosive hazards in 3D radar imaging through clustering and sequential learning

Apr. 2018 • Proc. SPIE 10628 • Detection and Sensing of Mines, Explosive Objects and Obscured Targets XXIII • Orlando, FL

Projects

Artificial Intelligence II: Bird Recognition Competition
Finding Volcanoes on Venus Through Semi-Supervised Learning with Convolutional Neural Networks
Plotting COVID-19 Infection and Mortality Rates of the United States Compared to Other Countries