KYLE O'NEILL

SOFTWARE ENGINEER: QA, BACKEND, SYSTEMS

CONTACT INFO

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💼 WORK EXPERIENCE

WB Games New York
Associate Software Engineer   ✈ Troy, NY

Present | February 2024

- Design and implement features for Hydra Studio, a Python services platform used across Warner Bros. Games.

QA Engineer

February 2024 | June 2021

- Wrote and maintained end-to-end gray box tests to catch regressions, added coverage for under-tested features.
- Added features to internal domain specific language used for automated testing to expand its test coverage capabilities.
- Wrote load testing scripts for Hydra Studio tailored to upcoming Warner Bros. games. Scripts simulated projected concurrent users (avg 100k-700k) to test stability at release.

capSpire
Software Developer   ✈ Dallas, TX

February 2020 | June 2019

- Developed web apps with ReactJS frontend and Python backend.
- Contracted to migrate MySQL database to Hadoop on AWS EMR, translating SQL scripts into PySpark.

Rational Enterprise
Junior Developer   ✈ Albany, NY

Mar 2019 | Jan 2019

- Developed web app with AngularJS frontend and Java backend.
- Lead refactoring effort to consolidate and simplify modal dialog boxes.
- Updated, maintained, and leveraged automated testing system I previously built to proactively find and fix bugs.

General Electric
Emerging Technology Intern   ✈ Schenectady, NY

Dec 2018 | Sept 2018

- Wrote AWS Lambda functions for Alexa for Business pilot which utilized voice commands to search an inventory database.
- Created proof of concept AWS DeepLens app and documented the process of creating a machine learning model using AWS SageMaker. Documented device setup and troubleshooting, and device security evaluation in Confluence.

Rational Enterprise
QA Intern   ✈ Albany, NY

August 2018 | June 2018

- Wrote frontend tests for Rational Review web app.
- Rewrote test suite from deprecated CasperJS to Node.js using Puppeteer and Mocha.

🎓 EDUCATION

SUNY Albany
University at Albany, State University of New York   ✈ Albany, NY

2018 | 2014

- Bachelor's of Science, Digital Forensics
- 3.99 GPA

📁 PROJECTS

Personal

- ChimeraScript: A scripting language and interpreter written in Rust which focuses on writing automated tests.
- Rusty-png: A Rust CLI application which decodes and renders PNG files.
- Bluetooth Controller: A Python Flask app which uses Tesseract OCR to read my health in a video game and control Bluetooth lights.

SKILLS

Python

Rust

Git

C#, .NET

SQL

MongoDB

Bash

Strong collaborator

Team Player

Self-motivated

Analytical

This résumé was wholly typeset with HTML/CSS