

KYLE O'NEILL

SOFTWARE ENGINEER: QA, BACKEND, SYSTEMS

CONTACT INFO

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🌐 github.com/kyleoneill



WORK EXPERIENCE

- Present
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February 2024

● **WB Games New York**
Associate Software Engineer 📍 Troy, NY

 - Design and implement features for Hydra Studio, a Python services platform used across Warner Bros. Games.
- February 2024
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June 2021

● **QA Engineer**

 - 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.
- February 2020
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June 2019

● **capSpire**
Software Developer 📍 Dallas, TX

 - Developed web apps with ReactJS frontend and Python backend.
 - Contracted to migrate MySQL database to Hadoop on AWS EMR, translating SQL scripts into PySpark.
- Mar 2019
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Jan 2019

● **Rational Enterprise**
Junior Developer 📍 Albany, NY

 - 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.
- Dec 2018
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Sept 2018

● **General Electric**
Emerging Technology Intern 📍 Schenectady, NY

 - 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.
- August 2018
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June 2018

● **Rational Enterprise**
QA Intern 📍 Albany, NY

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



EDUCATION

- 2018
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2014

● **SUNY Albany**
University at Albany, State University of New York 📍 Albany, NY

 - 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*