# KYLE O'NEILL

SOFTWARE ENGINEER: QA, BACKEND, SYSTEMS

## CONTACT INFO

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## 💼 WORK EXPERIENCE

**Present | June 2021**

### WB Games New York
QA Engineer ⟶ Troy, NY

- Wrote and maintained end-to-end gray box tests to catch regressions, added coverage for under-tested features.
- Developed backend features for Hydra Studio, a Python services platform used across Warner Bros. Games.
- 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 | 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 | 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 | 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 | 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 | 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.
- LeagueBot: A Node.js Discord bot which retrieves user information from the Riot API and stores it in a SQLite database. Users query the bot over Discord to retrieve that information.

## SKILLS

Python
Rust
Git
JavaScript, Node.js
C#, .NET
SQL
Shell Scripting

Strong collaborator
Team Player
Self-motivated
Analytical

*This résumé was wholly typeset with HTML/CSS*