

KYLE O'NEILL

SOFTWARE ENGINEER: BACKEND, SYSTEMS, QA

WORK EXPERIENCE

- Present | Jan 2026
- **WB Games New York**
Software Engineer 📍 Troy, NY
 - Design and implement features for Hydra Studio, a Python services platform used across Warner Bros. Games.

Dec 2025 | Feb 2024

 - Associate Software Engineer
 - Helped design and implement features used by Warner Bros. Games studios, including bug reporting, Twitch drops, and code redemption campaigns.

Jan 2024 | 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.

Feb 2020 | June 2019

 - **capSpire**
Software Developer 📍 Dallas, TX
 - Developed web apps with ReactJS frontend and Python backend.
 - Migrated 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 and maintained 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, utilizing voice commands to search an inventory database.
 - Created proof of concept AWS DeepLens app, documented the process of creating a ML model using AWS SageMaker with device security evaluation.

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 interpreter written in Rust used for writing automated tests.
 - Pat: Rust/Vue webapp featuring a chat client and games.
 - Rusty-png: PNG renderer written in Rust.

CONTACT INFO

- ✉ kyleoneill24@gmail.com
⌚ github.com/kyleoneill

SKILLS

Python

Rust

Git

SQL

MongoDB

Bash

Strong collaborator

Team Player

Self-motivated

Analytical