

# KYLE O'NEILL

SOFTWARE ENGINEER: BACKEND, SYSTEMS, QA

## CONTACT INFO

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🌐 github.com/kyleoneill



## 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  
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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  
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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.
- Feb 2020  
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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  
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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 and maintained 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, 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  
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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 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.

## SKILLS

Python

Rust

Git

SQL

MongoDB

Bash

Strong collaborator

Team Player

Self-motivated

Analytical