

# KYLE O'NEILL

SOFTWARE ENGINEER AND WEB DEVELOPER

## EDUCATION

2014  
|  
2018

### Bachelor's of Science

Major: Digital Forensics

University at Albany, State University of New York

GPA: 3.99

📍 Albany, NY

## WORK EXPERIENCE

June  
2021  
|  
Current

### Warner Brothers Games New York

QA Engineer

📍 Troy, NY

- Developed features and fixed bugs for a Python based web-app.
- Assisted in development of an automated testing tool and scripting language written in Python.
- Wrote web-app test scripts to prevent regressions and find new bugs.

June  
2019  
|  
February  
2020

### capSpire

Junior Developer

📍 Dallas, TX

- Developed ReactJS / Python web apps working on both front and back ends.
- Contracted in migration of MySQL database to Hadoop on AWS EMR for Direct Energy. Translated SQL scripts to PySpark.

Jan 2019  
|  
Mar  
2019

### Rational Enterprise

Junior Developer

📍 Albany, NY

- Worked on AngularJS / Java web-app.
- Lead refactoring effort to consolidate and simplify modal dialog boxes.
- Leveraged automated testing system I built for the project to proactively find and fix bugs.
- Updated and maintained automated testing system.

Sept  
2018  
|  
Dec  
2018

### General Electric

Emerging Technology Intern

📍 Schenectady, NY

- Worked on final stage of an Alexa for Business pilot. Refined the process of locating factory tools from paper-based to voice-based, improving speed and accuracy. Project is in production and being used on factory floor.
- Created Proof-of-Concept for Amazon DeepLens to understand the process of creating a machine learning model using SageMaker. Came up with potential use cases based on analysis of company needs, e.g., how to handle authentication on Alexa for Business devices, scanning for safety equipment on workers, and checking inventory. Created a Confluence page detailing device set-up and troubleshooting, along with an evaluation of device security.

June  
2018  
|  
August  
2018

### Rational Enterprise

QA Intern

📍 Albany, NY

- Wrote end-to-end tests for Rational Review, a web application designed to help lawyers search through thousands of digital documents to prepare for litigation.
- Updated testing framework from CasperJS to Node.js in order to access ES6 features. Tests were re-written using Puppeteer and Mocha.

## PROJECTS

### Personal

- LeagueBot (Node.js, SQLite): Chat bot which uses both Discord and Riot APIs to provide information to users about their League of Legends account.
- Norgannon (React, Express, SQLite): CRUD web-app that allows users to store and sort YouTube videos by user defined categories.
- Terraview (Rust): A Rust program that edits binary WLD files for the video game Terraria, includes a basic WLD parser. Includes documentation for WLD files found on the internet and expanded/updated by me.

## CONTACT INFO

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📞 484-841-9872

## SKILLS

Python

Rust

JavaScript, Node.js

C# + .NET

Bash

Git

SQL

C++

HTML/CSS

Strong collaborator

Team Player

Self-motivated

Analytical

*This résumé was wholly typeset with  
HTML/CSS*