

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

📍 Albany, NY

GPA: 3.99



WORK EXPERIENCE

June
2021
|
Current

Warner Brothers Games New York

QA Engineer

📍 Troy, NY

- Developed features and fixed bugs for a Python based web service.
- Improved the in-house automated testing tool and custom scripting language.
- Wrote and maintained test scripts, preventing regressions and adding coverage for untested and under-tested features.

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