Robert Kernan

rkernan@gmail.com
https://github.com/kernan

7302 Santa Fe Pkwy
Sandy Springs, GA 30350
770−355−4050

EDUCATION

Georgia Institute of Technology, Atlanta, GA   *August 2013*
Bachelor of Science in Computer Science
Focus in Information Internetworks and Platforms

TECHNICAL SKILLS

Languages
- C ● C++ ● C# ● Java ● Javascript ● Lua ● PHP ● Python ● Ruby ● SQL

Operating Systems
- Windows ● GNU/Linux

Software
- Clang ● CMake ● Eclipse ● GNU Compiler Collection ● Jenkins ● Make ● MySQL ● Node.js ● PostgreSQL
- SQLite ● Visual Studio

Revision Control
- Git ● Subversion ● Team Foundation Server

WORK EXPERIENCE

Noble Systems Corporation, Atlanta, GA   *February 2016 – Present*
Software Engineer
- Maintain automated test framework and tools that utilize Docker and Amazon Web Services to run over 17 thousand integration tests distributed across multiple AWS EC2 instances each running multiple Docker containers.
- Contribute to maintenance and new development of Node.js based REST API for managing backend services.
- Contributed to development for backend installation and configuration tools.
- Contributed to development for stand-alone PBX solution.

Noble Systems Corporation, Atlanta, GA   *January 2015 – February 2016*
Quality Assurance Engineer
- Contributed to maintenance and new development of Node.js REST API for managing backend services.
- Developed small REST API using Pyton and Twisted that facillitates communication between a main management API and PBX servers.
- Maintained test framework built using Python and py.test.
- Developed tools that are utilized by Jenkins to distribute automated tests to multiple Docker containers running on Amazon Web Service EC2 instances.
- Tested, documented, and released front-end and back-end products in QA.

Southern Polytechnic State University, Marietta, GA   *May 2010 – July 2010*
Lab/Teaching Assistant for CSE 1302: Introduction to Data Structures
- Assigned lab-work and taught supplemental material.
- Maintained office hours in the lab for students.
- Submitted software requests for lab equipment.