

U.S. Citizen

Giuseppe Scoppino

Bachelor of Science, Software Engineering

Concentration(s): Web Applications, Web Services

Background: Several years of professional experience creating web application software for government sponsors.

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INDUSTRY EXPERIENCE

Georgia Tech Research Institute — *Research Scientist I*

Atlanta, GA

February 2019 - Present

Contribute to needs analysis, design, development, testing, deployment, and documentation of web applications for GTRI sponsors. Utilized Python as the programming language of choice for server side development. Utilized the Django web framework, as well as Django REST framework to serve web pages and provide RESTful API services to frontend applications. Utilized libraries including ReactJS, Redux, D3.js, Web Components, and lit-html in client-side development. Wrote unit, integration, and acceptance tests. Wrote documentation and provided customer support for solutions. Wrote deployment scripts. Deployed software packages, configurations, and migrations to sponsor controlled environments.

PROJECTS

Lighthouse Safety Hub (U.G. Capstone)—*Lead Backend Developer*

Kennesaw State University

August 2018 - December 2018

Developed a backend for a mobile application with the purpose of assisting individuals in establishing a safety network of contacts, along with a check in schedule, to ensure their personal well-being. AWS was used to host the service, configure time-dependent events such as check ins, and to send push notifications to mobile clients. Support for Google Assistant devices is present, allowing users to check in with voice commands.

EDUCATION

Kennesaw State University, Georgia, USA —*Bachelor of Science, Software Engineering*

August 2012 - December 2018

Worked on half a dozen team-based software projects that touched upon all aspects of the software development life cycle and across the software domains of web development, game development, and embedded systems.

SKILLS

Software Engineering

Some software project management expertise

Strong familiarity with the Software Development Lifecycle

Familiarity with contemporary DevOps practices

Web Development

Server

Django NodeJS PHP Java

SQL/NoSQL databases

Client

Angular React Redux Sass D3

DevOps

Docker Vagrant Ansible Conda

AWS DigitalOcean Heroku

UNIX/Linux Systems

Standard tools & binaries

Shell Scripting

Filesystem Organization

Service Configuration

PROGRAMMING LANGUAGES

C/C++ Java C# Python

JavaScript PHP