

Andrew T. Vaccaro

19620 E. 59th Dr. — Aurora, CO 80019 — (540) 641-5112
atvaccaro@gmail.com
www.github.com/atvaccaro

EDUCATION

Bachelor of Science, Software Engineering, May 2017
The University of Texas at Dallas, Collegium V Honors College
McDermott Scholar class of 2013
GPA: 4.0/4.0
Relevant coursework: software architecture and design, machine learning, computer networks, data structures, requirements, security, project management

TECHNICAL SKILLS

Languages: Python, Golang, JavaScript, Java, SQL, C++
Frameworks: Vue.js, D3.js, Flask, Django
Web: AWS, HTML/CSS, nginx
Software: git, RethinkDB, DynamoDB

EXPERIENCE

Software Engineer Nov 2017 to present
Booz Allen Hamilton - National Agencies Account

- Full-stack and infrastructure development for client and internal projects involving a variety of application domains.
- Developed a single-page application with Vue.js, CesiumJS, and Golang for activity-based intelligence analysis of streaming geospatial data.
- Responsibilities include requirements analysis, design/architecture, and implementation in an agile development environment.

Software Engineer May 2017 to Nov 2017
Hewlett Packard Enterprise - Software Defined & Cloud Group

- Software engineer on the profile manager team on the OneView product, a management tool for HPE Synergy composable infrastructure servers.
- Primarily work on a REST API using Java Spring in a service-oriented architecture, with a user interface written in HTML/CSS and JavaScript.
- Responsible for user story implementation, defect fixes, and unit tests in an enterprise agile environment.

Junior Software Developer Jan 2016 to May 2017
National Write Your Congressman, Inc.

- Worked on the AdvocacyDay content management system (using Flask), the backend for a meeting management mobile application.
- Developed a JSON-configurable Excel importer, allowing clients to use custom spreadsheet formats.
- Wrote unit tests using Python's unittest library and UI tests using Selenium.

PROJECTS

McDermott Network

Networking web app for the McDermott Scholars program. Allows McDermott scholars, staff, and alumni to create fully-searchable profiles detailing their education, work, and study abroad experiences. Also facilitates scholar feedback used in the decision-making process during McDermott Finalists' Weekend, saving over one hundred man-hours each year.

MinecraftU

A startup that teaches critical thinking and programming skills using Minecraft and the ComputerCraft mod. Have run summer camps and weekend workshops at the Hockaday School in Dallas, TX since 2014. The primary author of the Java curriculum and a senior instructor until 2016.

PERSONAL INTERESTS

Indoor rock climbing
Board games