

# Andrew T. Vaccaro

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## 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: computer networks, data structures, software architecture and design, requirements engineering, project management

## TECHNICAL SKILLS

*Languages*: Python, Java, JavaScript, HTML, CSS, C++

*Frameworks*: Flask, Django, Spring

*Software*: git, Elasticsearch/Kibana, LaTeX, MATLAB

*Operating Systems*: macOS, Linux (Ubuntu/CentOS), Windows

## EXPERIENCE

*Software Engineer*

May 2017 to present

Hewlett Packard Enterprise - Software Defined & Cloud Group

- Member of the profile manager team on the OneView product, a management tool for HPE Synergy composable infrastructure servers
- Added server health validation to prompt the user when attempting to apply a profile to an unhealthy server
- Write unit tests using JUnit, QUnit, and an in-house REST testing framework

*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 the a meeting management mobile application
- Developed a JSON-configurable Excel importer, allowing clients to specify row and column format during uploads
- Wrote unit tests and functional tests using Selenium

*Application Development Intern*

Jun 2016 to Aug 2016

Verizon Communications, Inc. - Consumer & Mass Business

- Assisted in development of the new Verizon Speed Test user experience
- Implemented an interface in JavaScript and a web service in C for the Broadband Home Router speed test
- Created Kibana dashboard and visualizations for speed test metric analysis

## 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.

*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

Member of Phi Kappa Phi and Tau Beta Xi honor societies

Rock climbing