Margaret Williams (Annie)

703-850-6003 | maw3as@virginia.edu | linkedin.com/in/annie-williams98/

Education

University of Virginia, College of Arts & Sciences, Charlottesville, VA   *Expected May 2020*
- *Major -* Computer Science, B.A.
- *College of Arts & Science -* Dean's List   *Spring 2016*

Work Experience

Lucidworks, *Software Engineering Intern*   *May 2019-August 2019*
- Collaborated with Data Science Intern to download and parse public dumps of Wikipedia data.
- Designed and implemented search interface for Wikipedia data using React, Node.js, and Lucidworks' internal API to be packaged for company demos.

University of Virginia, *Teaching Assistant: Advanced Software Development Methods* *Jan 2019-present*
- Mentoring five teams of students as they build web applications over the semester.
- Solving technical difficulties with Django, Git, and Heroku during office hours.

Deltek, *Cloud Operations Intern*   *Summer 2018*
- Updated and created 300+ test scripts to create more efficient customer database testing for project accounting software package Costpoint.
- Critiqued test automation tool UI for more intuitive redesign.

Technical Skills

- *Coursework:* Advanced Software Development Methods, Cloud Computing, Database Systems, Algorithms, Program & Data Representation, Computer Architecture, Mobile Application Development, Theory of Computation, Discrete Mathematics, Cyber Security I & II, Network Security, Human Computer Interaction
- *Languages:* Python (and Django framework), React, JavaScript, Java, C++, HTML/CSS

Projects

Student to Student Textbook Sale Website   *Fall 2018*
- Developed textbook sale website using Git & Django with team of six students.
- Led application testing as testing manager on Agile development team.

Charlottesville Restaurant Finder   *Summer 2019*
- Implemented site that identifies closest restaurants in Charlottesville and plots search results on a map, built using React, Node.js, and Google restaurants API.

Leadership & Volunteering

HackCville Source & Wireframe Program, *Program Coordinator*   *Jan 2019-present*
- *Source Program:* Teach basic React, JavaScript, Git, and data fetching to students.
- *Wireframe Program:* Teach basic HTML/CSS skills to help students launch personal sites.
- Hold weekly office hours and guide students through weekly coding challenges.

University of Virginia Housing & Resident Life, *Resident Advisor*   *Fall 2019-present*
- Serve as a resource for students for a wide variety of issues concerning University life.
- Respond to crisis situations maintaining campus crisis protocols, and document incidents.