

# ANNIE WILLIAMS

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## EDUCATION

**University of Virginia**, School of Data Science, Charlottesville, VA

*Expected May 2021*

- Master of Science, Data Science
- Cumulative GPA: 3.96
- Relevant Coursework: Data Mining, Linear Models for Data Science, Machine Learning, Applications of Data Science I & II, Ethics of Big Data, Deep Learning, Big Data Analytics, Text Analytics

**University of Virginia**, College of Arts & Sciences, Charlottesville, VA

*May 2020*

- Bachelor of Arts, Computer Science
- Cumulative GPA: 3.33
- Relevant Coursework: Advanced Software Development Methods, Cloud Computing, Database Systems, Algorithms, Program & Data Representation, Computer Architecture

## EXPERIENCE

**UVA & InnovateEDU**, Graduate Capstone Project, Charlottesville, VA

*Aug 2020 - present*

- Applied topic modeling across education research papers to explore underlying structural differences.
- Collected and cleaned text data from 100+ educational intervention studies.
- Communicated findings with client on a weekly basis through visualizations and presentations.
- Utilized Scrum workflow to organize tasks and solve problems as a team.

**Lucidworks**, Software Engineering Intern, Charlottesville, VA

*May 2019 - Aug 2019*

- Collaborated with intern team 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, Charlottesville VA

*Jan 2019 - May 2020*

- Mentored five teams of students at a time through a semester long web development project.
- Solved technical difficulties with Django, Git, and Heroku during office hours.

**Deltek**, Cloud Operations Intern, Herndon VA

*May 2018 - Aug 2018*

- Updated and created 300+ test scripts to deliver a more efficient customer database testing.
- Critiqued test automation tool UI for more intuitive redesign.

## TECHNICAL SKILLS

**Programming Languages & Frameworks:** Python, R, SQL, Java, JavaScript, C++, React, Django

**Data Science Libraries:** Pandas, NumPy, PyMC3, Scikit-Learn, TidyR, Dplyr

## LEADERSHIP & VOLUNTEERING

**University of Virginia Housing & Resident Life**, Resident Advisor

*Aug 2019 - May 2020*

- Served as a resource for students for a wide variety of issues concerning University life.
- Responded to crisis situations maintaining campus crisis protocols, and documented incidents.

**HackCville Source & Wireframe Programs**, Program Coordinator

*Jan 2019 - May 2019*

- Taught basic React, JavaScript, Git, HTML/CSS, and data fetching to students, and hosted weekly office hours to guide students through weekly coding challenges.