

Zaeda Meherin

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EDUCATION

UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE VA
B.A. COMPUTER SCIENCE

Expected Graduation: May 2021

Relevant Coursework: Advanced Software Dev., Program and Data Representation, Algorithms, Programming Lang's for Web Dev., Machine Learning, Applied Linear Algebra, Discrete Mathematics, Software Testing

Awards: Dean's list: Fall 2017, Fall 2018, Spring 2019; Bronze Service Scholar 2018

SKILLS

- **PROFICIENT IN:** Python, Java, C#, C++, Javascript, Django, HTML, CSS, React.js, PHP
- **EXPERIENCE WITH:** AWS, Git

RELEVANT EXPERIENCE

SOFTWARE ENGINEER INTERN | CAPITAL ONE

June 2020 – Aug 2020

- Learned and utilized AWS microservices in a fast-paced environment to build an AWS application from start to finish
- Built a pipeline that converts documents from image to text and updates them to be easily searchable on the GSU UI
- Provides ~\$1M in cost avoidance and a potential \$600k potential employee productivity gain when used to enrich 6M documents

RESEARCH ASSISTANT – RIGGS LAB | UNIVERSITY OF VIRGINIA

Jan 2020 – Present

- Developed a C# application that presents a GUI for participants to interact with and simultaneously manipulates the motion of electronic devices on their arm
- Collected and exported participants responses the data from the program for further evaluation

TEACHING ASSISTANT – SOFTWARE DEVELOPMENT METHODS | UNIVERSITY OF VIRGINIA

Jan 2019 – Present

- Tutoring students to simplify challenging homework and reinforce the following concepts: object-oriented programming, unit testing, data structures, inheritance, polymorphism, abstraction, encapsulation, recursion, and time-complexity
- Improving curriculum development by writing relevant exam questions and finalizing homework assignments

LEADERSHIP EXPERIENCE

SOFTWARE DEVELOPER AND PROGRAM MANAGER | VA TEXT

Jan 2020 – Present

- Developed the core functionalities and foundation of this textbook-exchange site in Django as a part of a class project
- Leading our campus-wide expansion plan by successfully attaining \$1,000 in grant funding, recruiting talent and onboarding the growing the team, and forming an official CIO for access to resources
- This web app allows UVA students to buy and sell textbooks and is deployed on <http://va-text.herokuapp.com/>

PROJECT LEAD – CAVS IN THE CLASSROOM SCHEDULER | UVA CS FOR SOCIAL GOOD

Sept 2019 – Dec 2019

- Communicated with the Head Program Director to gather requirements and assess their needs and preferences
- Led the engineering team using agile methodology through sprints to maintain efficiency and flexibility on the project
- Built a Java program that automates CitC's volunteer scheduling process through an algorithm that iterates over thousands of permutations and chooses the best one in seconds
- Reduced the time it takes for CitC to match by 1.5 hours with a 75% matching rate