Emma Spinale

781.697.4381

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EDUCATION

UNIVERSITY OF RICHMOND

Bachelor of Science

Math/Computer Science

Expected May 2021 — Richmond, VA

Overall GPA: 3.9

Dean's List

Phi Eta Sigma Honors

Selected Courses

Multivariate Calculus

Probability Theory

Linear Algebra

Abstract Math

Simulation in R

Data Structures

Discrete Structures

(Completed by Summer 2020)

Software Systems Development

Computer Organization

Abstract Algebra

Real Analysis

SAINT LOUIS UNIVERSITY

Fall - December 2019 — Madrid, Spain

Selected Courses

Algorithms

WELLESLEY HIGH SCHOOL

2014-2017 — Wellesley, MA

National Honors Society

High Honors

Selected Courses

AP Statistics

AP Calculus

SKILLS

LANGUAGES

Java

Python

SQL

R

TeX

Shell

HTML/CSS

CONTACT

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☎ 781.697.4381

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Wellesley, MA 02481

EXPERIENCE

THE MITRE CORPORATION — Cybersecurity Software Engineering Intern

May - August 2019 — Bedford, MA

- Created a secure, scalable, internal self-service platform for data ETL, storage, analytics, and exploitation
- Constructed the data ingest process and designed an advanced schema in MySQL through Amazon RDS
- Collaborated with a small team using agile software development methods to promote responsibility and accountability

UNIVERSITY OF RICHMOND — Writing Consultant

Winter 2018 - Present — Richmond, VA

- Spend 8-10 hours weekly meeting with students, editing essays, and providing feedback.
- Selected via appointment by english faculty due to excellence in academic writing.
- Completed 40 hour intensive training course to refine editing and communication skills.

TENACRE COUTRY DAY SCHOOL — Counselor

Summer 2017-2018 — Wellesley, MA

- Managed a team of counselors to ensure the safety of 30+ 3 and 4 year old children.
- Communicated scheduling decisions to camp management and parents regarding the well being of the campers.

GAP, INC — Sales Associate

Winter 2015 - Spring 2017 — Wellesley, MA

- Tasked with building brand loyalty by working with consumers, designing loyalty programs, and scheduling promotions.
- Designed window displays and set the store layout to reflect the Gap's integrated marketing objectives.

LEADERSHIP & ACTIVITIES

UNDERGRADUATE RESEARCH — Team Member

Fall 2018 - Present — Richmond, VA

- Work with a small team of students and faculty to create further breakthroughs in the field of coding theory.
- Identify and develop strategies to reduce errors in long-distance communication signals.

SPIDERS AGAINST SEXUAL ASSAULT AND VIOLENCE — Member

Fall 2017 - Present — Richmond, VA

- Work closely with administration to raise awareness of and propose solutions to the issue of sexual assault on college campuses.
- Successfully lobbied administration to expand their sexual assault resources on campus.
- Worked with Title IX coordinators to develop training and workshops for students and faculty to address issues around sexual violence.