Alexandra LaMattina

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EDUCATION

University of Delaware, **Newark, DE**   *May 2022*
College of Engineering
Bachelor of Science
Information Systems major | Computer Science minor|Management Information Systems minor
Cumulative GPA: 3.70
Dean's List: Fall 2018, Spring 2019, Spring 2020, Fall 2020, Spring 2021
Relevant Coursework: Data Structures, Business Telecommunication Networks, Accounting I, Accounting II, Statistical Methods, Database Systems, Advanced Software Engineering, Advanced Web Technologies

SKILLS

- Computer Languages: Knowledge in Python, Java, C, SQL, C++, Matlab, R Studio, JMP
- Operating Systems: Windows, Linux
- Software: Microsoft Office (Excel, Word, Powerpoint), Eclipse, PyCharm, NetLogo

WORK EXPERIENCE

Société Générale Corporate and Investment Banking, New York, New York   June 2021 - Present
Technology Analyst Summer Intern
- Working in the Global Business Services Unit on the Equity and Volatility team as a Business Analyst
- Partnering directly with the Senior Business Analyst on trading application testing
- Analyzing applications UAT environments by ensuring trading algorithms are functioning correctly in order to push them into the Production environments
- Identifying anomalies and communicating directly with application vendors to continue testing
- Creating individual presentations to the department to show analysis of testing and educate team members on the applications algorithms

University of Delaware, College of Engineering   October 2020 - Present
Undergraduate Research Assistant
- Operating alongside professors and graduate students on a research modeling project, Project Darien, to track the spread of COVID-19 across the University of Delaware campus
- Working as a sole programmer to produce an interactive platform that displays and analyzes collected COVID-19 data
- Creating a NetLogo model to be deployed to students for educational purposes that simulates the spread of COVID-19
- Participating in weekly team meetings to discuss advancements and future research possibilities

Lighthouse Italian Ice, Red Bank, New Jersey   September 2014 - August 2020
Server
- Make products, serve customers, and handle money transactions

VOLUNTEER EXPERIENCE

The RISE Program   August 2018 - Present
- A support networking program for underrepresented undergraduate engineering students
- Collaborate in monthly seminars, attend yearly research events, and advise mentoring programs

UDance   February 2019 - Present
- Created a personal fundraising page to raise money for a multimillion dollar event to fund medical research and give financial assistance to families of children with cancer nationwide

Relay For Life   September 2016 - June 2018