Rebecca Axelrod

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EDUCATION

Yeshiva University, Stern College for Women New York, NY
Bachelor of Arts in Computer Science, GPA: 3.5   **Expected May 2020**
Dean's Honor Roll for Scholastic Achievement
Study Abroad: Sha'alvim for Women, Jerusalem, Israel   **September 2016-June 2017**

COURSEWORK

- Data Structures, Database Systems, Object Oriented Programming, Applied Linux Programming and Scripting, Programming Languages, Computer Systems, Introduction to Computer Science, Calculus I & II, Statistics
- Fall 2019 Courses: Algorithms, Discrete Structures, Web Development

COMPUTER SKILLS

- Python, Java, MySQL, Git, HTML, CSS, JavaScript, Microsoft Power BI, Bash, Linux, Excel, VBA, Microsoft Access, AWK, SQL

WORK EXPERIENCE

CheckAlt, Valley Cottage, NY
Technology Intern - Developer   **June-August 2019**
- Selected as a summer intern at a leading payment processing company
- Collaborated with frontend developers, created a survey for clients using React, JavaScript, HTML, and CSS
- Developed Power BI Models, including modifying reports, data, and relationships
- Wrote and edited documentations for different software and applications
- Created user interface for the finance team for billing automation within Microsoft Access. Wrote code in VBA to manipulate data within datasets. Created macros to run SQL and VBA

Elementryx, New York, NY
Software Engineering Intern   **July-August 2018**
- Worked at four-person start-up, focused on IT consulting using Amazon Web Services
- Collaborated with a team of application developers to build an API for distributed task execution using Serverless framework, node.js, AWS Lambda, and AWS DynamoDB
- Attended AWS NYC Summit featuring lectures on various AWS services. Interacted with leading cloud technology providers and consultants on how they use AWS products

RELEVANT PROJECTS

Therapy Clinic
Database Systems Semester Project   **Spring 2019**
- Built a therapy clinic web application with a MySQL database backend
- Allowed clients/therapists to easily manage appointments, treatments, disorders, using CRUD through this platform.

Academic Advisement Online Assistance
YU Hackathon   **Spring 2019**
- Created a website to help manage a student's classes based on the student's major and core requirements
- Responsible for frontend, implemented in HTML, CSS, and PHP

Are Antidepressants Prescribed more in Populated Cities?
Linux Semester Project   **Fall 2018**
- Utilized Medicare dataset and npi dataset containing millions of records
- Parsed and extracted relevant data to find correlations using AWK and Python

LEADERSHIP ACTIVITIES

YU Computer Science Society, Yeshiva University, New York, NY   **2018-Present**
Soccer Team, Yeshiva University, New York, NY   **2017-2018**

INTERESTS

- Baking, Psychology, Personal Organizing