Max Friedman

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EDUCATION

Yeshiva University, Yeshiva College, New York, NY:

Bachelor of Science in Computer Science, Track: Distributed Systems   *GPA: 3.7*

- Expected Graduation Date: May 2024
- Relevant courses: Algorithms, Industrial Software Development, Data Structures, Computer Organization, Math for Computer Science (Discrete Structures), Calculus, Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, Python, C, MySQL, HTML, CSS

Tools: Cloud Services (Amazon Web Services), Object Oriented Programming, Data Structures (Hash Tables, Trees, Lists, Union Find, Queues, Stacks), Assembly Language, Java Spring Boot, Git, JSON, Jira, Maven

COURSE PROJECTS

AWS Summer Project   *Summer 2021*

- Collaborated with small team to create an intricate AWS application (using CloudFormation, API Gateway, Lambda, RDS, S3 Buckets, Secrets Manager, and CloudWatch) allowing users to report/find issues in a city
- Constructed an employee login portal to enable admin access and functionality
- Led the creation of a modern website UI using Java Spring Boot, HTML, CSS, and JavaScript
- Packaged the project in an executable file using Docker, ensuring simple setup access

Document Store (Data Structures Course Project)   *Spring 2021*

- Developed a sophisticated Java search engine, storing documents in memory while utilizing several built-from-scratch Data Structures (including a B-tree, Trie, Heap, Hash Table)
- Implemented dictionary lookup and designed all actions to have undo capability
- Programmed to move the least-recently-used document to disk in JSON format when storage limits are exceeded in order to optimize maximum data efficiency

EXPERIENCE

Yeshiva University, New York, NY:

Website Manager, "The Observer" (Newspaper)   *September 2021 - Present*

- Communicate with team of three to upload/maintain website efficiently

IT Assistant   *December 2021-Present*

- Provide extensive IT assistance to Yeshiva University students, teachers, and staff

LEADERSHIP AND ACTIVITIES

Elected as IBC (Isaac Breuer College) Student Representative   *Fall 2021 - Spring 2022*

Yeshiva University Student Ambassador   *Fall 2021 - Present*

Clubs: Machine Learning and Artificial Intelligence, ACM, HackerRank, Engineering