

## Eli Allison

(818) 694-6332 | [Eli.Allison123@gmail.com](mailto:Eli.Allison123@gmail.com) | [www.linkedin.com/in/Eli-Allison](http://www.linkedin.com/in/Eli-Allison)

### EDUCATION

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Yeshiva University, Yeshiva College, New York, NY

Bachelor of Science in Computer Science – Distributed Systems, May 2022

**Relevant Courses:** Computer Systems, Operating Systems, Design and Analysis of Algorithms, Networking and Communications, Programming Languages, Database Implementations, Cybersecurity, Compilers and Tools

GPA: 3.3

### SKILLS

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Languages: Java, SQL, Python and C programming, Basic Knowledge of JavaScript and C#

AWS:

- Lambda, DynamoDB, SNS and S3 for transferring and processing Data between multiple large-scale Databases

Linux OS:

- Expertise with the Linux terminal working with file systems, cybersecurity, and networking

Git:

- Proficiency with Branching, Merging, Pushing and Cloning from multiple repositories and Branches

### RELATED EXPERIENCE

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#### iCardio

Los Angeles, CA

*Software Engineering Intern*

June 2021 – August 2021

- Lead the Ultrasound transfer project
  - Created Data Pipeline of Ultrasound from partnered business to iCardio.ai platform
  - Anonymized Ultrasounds to remove patient data in compliance with HIPAA protocol
- Worked with AWS server and serverless products including SNS, Lambda and S3 in conjunction to transfer and process Ultrasounds in an efficient manner

#### Spotlight News

Los Angeles, CA

*QA Engineer Intern*

June 2020 – August 2020

- Tested and improved search engine results for the users' "Interests" category.
- Assisted in finding and fixing bugs in the app's UI
- Met with new clients to set up an RSS feed to add articles to the app.

### PROJECTS

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#### Database Implementations

August 2020 – December 2020

- Created an optimized, multithreaded database in Java
- Adhered to crucial Database properties: Atomicity, Consistency, Isolation, Durability (ACID properties)

#### Data Structures

January 2019 – May 2019

- Conceptualized and designed a five-stage storage platform for review by Computer Science Department Chair
- Finalized a small-scale search engine to hold documents for use and lookup

### LEADERSHIP EXPERIENCE

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#### Scouts BSA

Los Angeles, CA

*Eagle Scout*

May 2016 – August 2019

- Planned, fundraised and executed a project to benefit the community.
- Lead a team to create playground equipment for a local school by dividing workload, tracking funds, and solving problems as they came up.
- Introduced and trained new scouts by teaching them life skill and Scouting ethics, while making sure that the entire troop was friendly to them and could work together.

### VOLUNTEER EXPERIENCE

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#### Etta Israel

Los Angeles, CA

*Caretaker*

June – August 2013 & 2015

- Worked with men and women with disabilities ensuring general health and wellbeing.