

ELIAS LUNA

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EDUCATION

New York City College of Technology (NYCCT), City University of New York (CUNY)

Brooklyn, NY

Bachelor of Technology in Computer Systems Technology (Specialization in Software Development)

Expected: May 2020

Dean's List: (2018, 2019) | GPA: 3.9/4.00

Relevant Coursework:

Discrete Structures and Algorithms, Data Structures, Object-Oriented Programming, Object-Oriented Design, Web Development, Database Design, Operating Systems, Networking, Computer Security

SKILLS

Programming: JavaScript, Java, SQL, Python

Frameworks/Libraries: React, Express, Spring Boot, Flask

Technologies: HTML5 / CSS3 (Flexbox, CSS Grid), Git/GitHub, Node, Bootstrap 4, Sequelize, Logic Pro X, Heroku, Knex, Material UI, Axios, Jsoup, Redis

Database Management: MySQL, PostgreSQL, SQLAlchemy, MongoDB

Online Courses: Udemy - The Complete Web Developer in 2020: Zero to Mastery (<https://bit.ly/2RnLXoO>),

Udemy - Master the Coding Interview: Data Structures + Algorithms (<https://bit.ly/2ubB2Gz>)

TECHNICAL PROJECTS

Image-Crawl (Full-Stack Web App) | <https://image-crawl.herokuapp.com/>

Mar 2020 – Apr 2020

- Created a web crawler using React, Spring Boot, Redis, and Jsoup that allows a user to input a web address, crawl the web page and sub-pages, and in return receive all of the images found in a downloadable form
- Utilized Spring Boot and Jsoup to create RESTful API endpoints that handle user web page crawl and image download requests
- Incorporated in-memory cache using Redis to make web crawler more efficient and “friendly” (helps prevent IP ban from crawling the same page too many times)

Luna-Stock-Trader (Full-Stack Web App) | <https://luna-stock-trader.herokuapp.com/>

Feb 2020

- Built a stock trading web app that allows users to search for real-time stock quotes and make stock purchases utilizing the IEX Cloud Financial Data API
- Created a portfolio view using React to display the real-time value of a user's portfolio holdings
- Implemented Node/Express back-end with RESTful API endpoints to handle user registration/sign-in/search/views/data storage, and to serve React static files
- Technologies used: React, Material UI, Express, Node, Knex, Postgres, Axios, Bcrypt, MVC, Heroku

Samplifi (Full-Stack Web App) | <https://samplifi.herokuapp.com/>

Feb 2020

- Crafted a music analysis web app that allows users to search for music tracks in the Spotify catalog and view a low-level audio analysis
- Used React to create a feature that allows users to manage (save, delete) a music track collection
- Designed Node/Express back-end with RESTful API endpoints to handle user registration/sign-in/views/data storage, and to manage Spotify's Audio Analysis, Audio Features, and Search API calls
- Technologies used: React, Material UI, Express, Node, Knex, Postgres, Axios, Bcrypt, MVC, Heroku

EXPERIENCE

CUNY Tech Prep

New York, NY

Software Developer Student

Jun 2019 – Present

- Selected for a full-stack JavaScript training program, as one of 125 students out of 400+ applicants.
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test-driven development, and CI/CD.