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 (Software Development Concentration) Expected May 2020
Dean's List: (2018, 2019) | GPA: 3.9/4.00

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, Sequelize, ChatKit, Leaflet, MVC Design Pattern
Database Management: MySQL, PostgreSQL, SQLAlchemy, MongoDB

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 users to input a web address, crawl the webpage & subpages for images, and in return receive all the images found in a downloadable form
- Utilized Spring Boot and Jsoup to create RESTful API endpoints that handle user webpage crawl and image download requests
- Incorporated cache using Redis to make web crawler more efficient and "friendly," helping 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 and Material UI to display the real-time value of a user's portfolio holdings
- Implemented a Node/Express back-end to serve React static files and manage RESTful API endpoints
- Made use of Knex to build SQL queries for Postgres database and Axios to facilitate back-end IEX Cloud API calls

***Samplfi* (Full-Stack Web App) | https://samplfi.herokuapp.com/**   Feb 2020
- Crafted a music analysis web app that allows users to search and view a low-level audio analysis of any music track in the Spotify catalog
- Used React and Material UI 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 requests
- Employed Knex to build SQL queries for Postgres database and Axios to facilitate back-end Spotify's Audio Analysis, Audio Features, and Search API calls

CUNY Tech Prep - *Global-Port* | https://github.com/elunaj/Global-Port   Aug 2019 – Dec 2019
- Worked in a team of 4 to create a full-stack React social media platform called Global-Port to connect soon-to-be travelers
- Utilized React, ipapi API, and the Leaflet JavaScript library to embed an interactive map on each user's homepage
- Helped design and implement an in-app chat feature using the Chatkit API
- Assisted teammates with back-end technologies (Express, Sequelize, PostgreSQL) for user data storage, input validation, and creation of RESTful API endpoints

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.