

Sarsen Whatmore

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EDUCATION

Boston University

Bachelor of Science in Computer Science, May 2023

GPA: 3.29

EXPERIENCE

Software Development Engineer Intern | Amazon:

May 2022 – Aug 2022

- Implemented error handling for an Alexa feature that boosts efficiency by 70%.
- Designed unit tests for multiple cases to ensure future stability.
- Utilized AWS S3 bucket through Java to store data.
- Built and presented multiple project proposal documents.

Lesson Developer | Stemanía:

Jun 2021 - Aug 2021

- Developed lesson plan to introduce high level concepts of computer science to a group of kids.
- Invigorated kids' passion for computer science through fun activities.

PROJECTS

Personal Website

- Designed and developed my own personal website using React JS.
- Gave it a unique and developed look to further enhance the user experience.
- Hosted on google cloud app engine with a custom domain name.

Best Buy Checkout Automation bot

- Designed Python bot to automatically check out items on Best Buy.
- Maintained in a Docker image with multiple instances running concurrently.

Crypto Trading Bot

- Developed trading strategies for crypto by integrating Freqtrade API through python .
- Utilizes machine learning on historical data to improve strategies on the live market though Docker Image.

Spotify Web Application

- Developed Web Application using Spotify API using React Js.
- Analyzed user behavior using a survey and displayed Spotify's playlists based on mood.

Fit Gen Android Application

- Developed Android Application that generates Clothing outfits on custom algorithms with your wardrobe
- Stores User profiles on Google Firebase for cross device profiles
- Used Weather, Background removal, and Color finding API's

Fried Chicken Review Website

- Developed website with React JS frontend and Node JS and Express Backend with MongoDB database
- Implements google places API

Technologies and Languages

- JavaScript, Java, C, Python, SQL, NoSQL, HTML, CSS, Solidity, Ocaml, XML
- Flask, Express, React JS, Node JS, MongoDB, Selenium, Android Studio, Google Cloud Services, Freq-trade, MySql, Git, Web 3, AWS, Mockito, Android Studio, Google Places API