KOOROUS VARGHA

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Education

University of California, Santa Cruz - 3.64/4.00 Overall GPA
Major: Computer Science, B.S.
September 2017 - June 2021

Courses

- Algorithms and Abstract Data Types
- Data Structure Concepts and Object-Oriented Programming
- Single Variable and Vector/Multivariable Calculus
- Discrete Mathematics and Linear Algebra
- Introduction to Probability Theory

Skills

- **Java** (4 years), **Python** (1 year), **Objective-C** (1 year), **HTML** (1 year), **JavaScript** (1 year)
- **Tools:** Git, GitHub, GitHub Pages, Google Cloud Platform, Bootstrap

Projects

Google Singer   **January 2019 - February 2019**

- A Python-based project that utilizes the BeautifulSoup API and Google Cloud Natural Language API
- Prompts the user for a song name then web scraps the internet for the song lyrics
- Uses Machine Learning, sentiment analysis, and entity recognition to convert song lyrics to speech
- In the process of implementing YouTube Data API to access data from videos

Newegg Seeker   **January 2019 - February 2019**

- A Python-based project that utilizes the BeautifulSoup API and the Bitly API
- Prompts the user for a product name, and extracts data from the HTML on Newegg for the specified product name, URL, price, and shipping cost
- Automatically shortens the URL using the Bitly API, then exports all the data to a spreadsheet

Directed Graphs   **March 2019**

- An object-oriented program implemented in C
- Implemented abstract data types, such as directed graphs and linked lists
- Implemented algorithms, such as depth-first search and topological sort

Experience

Technology Chair: Circle K International   **2018 - Present**

- Managed and developed club website for Circle K International
- Attended board meetings to lay out objectives to be accomplished for the week