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Education

2016 – 2020 University of California Irvine, information & Computer Science

Projects

- | | |
|------|---|
| 2021 | "Reddit Term Ranker", Popular Reddit Topics Visualizer Tool used – Python, Reddit API, Matplotlib <ul style="list-style-type: none">• Used official Reddit API to make request to server to retrieve post data• Built a database from post data and used reverse indexing to rank term frequency• Used Matplotlib to graph term ranks by multiple criteria, like count, score & density |
| 2021 | "Market Simulator", Determines Best Investment Strategy Tool used – Python, Yahoo Finance API, Pandas API <ul style="list-style-type: none">• Used official Yahoo Finance API to retrieve historical stock market data• Implement multiple investing strategies modularly to allow for ease of testing• Ran short and long term simulation to verify investing strategy effectiveness |
| 2019 | "Spotify Set", A Spotify UI Proposal Tool used – Adobe XD, Adobe Illustrator, Adobe Photoshop <ul style="list-style-type: none">• Conducted relevant market research on Spotify and its competitor• Built wireframes, mockups and interactive prototypes while adhering to Spotify's brand• Presented proposal to stakeholders, using prototypes to reinforce understanding |
| 2018 | "Alchieve", Alcohol Portioning & Tracking Web Application Tool used – HTML, CSS, Javascript |

Relevant Skills

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|-------------------|------|-----------------|----------|-------------------|------------|
| Python | HTML | Java | CSS | C++ | JavaScript |
| Excel | SQL | MySQL | Figma | Yahoo Finance API | |
| Adobe Illustrator | | Adobe Photoshop | Adobe XD | | |

Relevant Courses

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|--|-----------------|-----------------------|
| Artificial Intelligence | Data Management | Machine Learning |
| Data Structure Implementation & Analysis | | Information Retrieval |
| Project in Databases & Web Applications | | Computer Vision |