Yeabtsega Birhane

ytbirhane@gmail.com | 408.460.3690 |
Git: ybirhane | LinkedIn: yeabtsega-birhane

Education

Harvey Mudd College - B.S., Computer Science and Mathematics   May 2020
Awards: Dean's List, President's Scholar

Experience

Movement Health Science | *Contract Software Engineer* | May 2024 - Present
- Designed and implemented user-facing features using React, CSS, and JavaScript.
- Collaborated with UI/UX designers to translate design wireframes into high-quality code.
- Integrated RESTful APIs and web services to connect frontend interfaces with backend systems.
- Utilized: React, MUI, JavaScript, CSS, Git

Tribe Dynamics, a CreatorIQ company | *Fullstack Software Engineer* | June 2021 - July 2023
- Led four full stack features from initial design to production, overseeing cross-functional teams of up to three people and ensuring project completion within the provided time frame.
- Developed a comprehensive notification system that spanned the entire application and displayed real-time alerts to hundreds of users. Utilizing Vue.js on the frontend, and designing and architecting scalable and straightforward Django-based data models on the backend
- Built a content display feature that selected and sorted tens of thousands of elements from a database with millions of entries, enhancing the user experience and optimizing content delivery. Utilizing Vue.js on the frontend and leveraging Django and PostgreSQL on the backend to create efficient, scalable queries.
- Utilized: Vue, Django, JavaScript, Python, PostgreSQL, Heroku, Git

San Jose Strong | *Software Developer Volunteer* | June 2020 - June 2021
- Developed mapping and login features in React for organization's website, which allowed users to find and get directions to local businesses. Integrated Google Maps API and used GitHub for version control.
- Utilized: React, Google Maps API, Git

Google Education | *Team Member* | August 2019 - May 2020
- Refined Google's Applied Computing 101 curriculum, which teaches data science to undergraduates with no prior computing background.
- Utilized: SQL

CS Teaching Tips, CS Research | *Researcher* | June 2019 - August 2019
- Programmed a Python script to analyze and organize AP CS score data and produce summary statistics for use in a research paper. Assisted in writing a research paper on ways to increase retention of female students in undergraduate computer science programs.
- Utilized: Python, Java

Projects

GoodFlicks | *iOS Project* | 06/2015-08/2015 , 11/2020-Present
- Developed a social media iOS application that allowed users to track the movies they've watched and contact friends for opinions on different movies. Programmed the application in Swift, integrated The Movie Database API to retrieve movie information, and used Firebase for backend services.
- Utilized: Swift, OOP, Git

Skills

Computer Languages & Frameworks:
- Proficient in Vue, Django, Python, Javascript
- Experienced with React, CSS, HTML, SQL, C++, Swift

Tools:
- Proficient in GitHub
- Experienced with Heroku, AWS