

Ethan Outangoun

ethanoutangoun@gmail.com | 510-366-9197 | ethanoutangoun.github.io | linkedin.com/in/ethanoutangoun

EDUCATION

California Polytechnic State University | San Luis Obispo, CA

Expected: March 2024

- Bachelor of Science Degree in **Computer Science**
- GPA: 3.71 / 4.00

Relevant Coursework: *Software Engineering, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming and Design, Intro to Database Systems, Intro to Data Science, Systems Programming*

WORK EXPERIENCE

Machine Learning Research Assistant

March 2023 - June 2023

California Polytechnic State University | San Luis Obispo, CA

- Achieved an **87%** accuracy rate when predicting ethnicities using name and face by developing an algorithm that combines the Namsor and Clarifai APIs.
- Created a script using Selenium and BeautifulSoup to web scrape data on 1000+ Olympic athletes for a comprehensive and diverse dataset.
- Deployed a website on **DigitalOcean** using **Flask** that allows for users to upload pictures and receive a prediction of their ethnicity.

Information Technology Intern

June 2023 - September 2023

Proofpoint Inc. | Sunnyvale, CA

- Supported Active Directory management by assisting in user provisioning, access control, and group policy management.
- Applied strong troubleshooting skills to swiftly identify and resolve various IT issues

PROJECTS

Outiblog | React.js, Express.js, MongoDB, Heroku, Vercel

August 2023

- Created a social platform website using the **MERN** stack where users can blog their thoughts!
- Designed a responsive interface using **Material UI** library for a smooth user experience.
- Utilized **Express.js** to design RESTful APIs for handling CRUD functionalities.
- Implemented **user authentication** using Auth0 to prevent anonymous users from blogging.
- Hosted backend on Heroku, frontend on Vercel for seamless continuous delivery and integration.

Spotify Enhancer Companion | Python, Flask, DigitalOcean

July 2023

- Designed and deployed a website using the Spotify API that allows users enhanced creative freedom in finding music they enjoy.
- User authentication is securely established via implicit grant authorization flow.

SKILLS

Programming Languages: Python, Java, C++, C#, JavaScript, HTML/CSS, Racket, RISC-V

Frameworks/Technologies: React.js, Node.js, MySQL, Flask, TensorFlow, Git, Heroku, JIRA, Agile

Community Service: Volunteered 30+ hours for non-profit organizations in San Luis Obispo