

Ethan Outangoun

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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 - Present

Proofpoint Inc. | Sunnyvale, CA

- Supported Active Directory management by assisting in user provisioning, access control, and group policy management using Microsoft Azure.
- Utilized PowerShell to automate group policy updates and enable BitLocker encryption.

PROJECTS

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.

Fullstack Blog Website | React.js, Node.js, MaterialUI

August 2023

- Implemented JSON server backend to store user data and blog information.
- Used CRUD operations to enable users to create/modify blog posts, comments, and likes.

AI-Website Summarizer | React.js, Node.js, Tailwind CSS

April 2023

- Developed a website that uses GPT-4 to summarize any website given a valid link.
- Caches user's link search history in local storage for displaying recent results conveniently.

SKILLS

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

Frameworks/Technologies: React.js, Node.js, MySQL, Flask, TensorFlow, Git, Azure, DigitalOcean

Other Interests: Swimming, Guitar, 3D Modeling, Video Games, Powerlifting, VFX/Movies