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*

WORK EXPERIENCE

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

Machine Learning Research Assistant   *March 2023 - June 2023*

California Polytechnic State University | San Luis Obispo, CA

- Developed an algorithm that combined the Namsor and Clarifai APIs resulting in an 87% accuracy rate when predicting ethnicities, validated against a rigorous testing set.
- Web scraped data on 500+ Olympic athletes for a comprehensive and diverse dataset.
- Deployed a website using Flask that allows for users to predict ethnicity using name and face

Software Engineer Intern   *June 2022 - August 2022*

TGD Engineering | Union City, CA

- Automated Multi Step Washing System that uses 12 different devices to clean 500+ barrels daily using RS-Logix 500 Software.
- Designed an operator interface panel that grants users the flexibility to control the automation sequence in either manual mode or automatic mode.

PROJECTS

Outify | **Python, Flask**   *July 2023*

- Built and deployed a website using the Spotify API that allows users more creative freedom in finding music they enjoy
- Implemented OAuth 2.0 to securely integrate third-party authentication and modify user data

AI-Website Summarizer | **React.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, RISC-V
Frameworks/Technologies: React.js, Node.js, MySQL, Flask, TensorFlow, Git, Azure, Agile
Other Interests: Swimming, Guitar, 3D Modeling, Video Games, Powerlifting, VFX/Movies