

(818) 641-9376

**TANIS SARBATANANDA**

tanisgpp@gmail.com

PANORAMA, CA 91402-2738

---

## **Education**

### **University Of California, Irvine**

B.S. in Informatics, Expected Graduation: June 2025

Relevant Coursework: Intermediate Programming in Python, User Interaction Software, Machine Learning and Data-Mining, Human Computer Interaction.

---

## **Experience**

### **UCI Office of Data and Information Technology Fellow**

University Of California, Irvine

September 2023 - Present

- Gain hands-on experience with leading technology companies by taking AWS and Salesforce courses
- Work in the sustainability sector and explore web 3.0 technologies, focusing on data visualization and web development
- Support tech-related guest speaker events by managing logistics and audiovisual setups

### **Visiting Research Assistant**

University Of Southern California, Los Angeles

June 2022 - August 2022

- Utilized Python to extract JSON files containing ALFRED, a dataset of household tasks instructions for robots.
- Created corrupted instructions to simulate potential real-world issues in speech recognition by changing each word's phoneme tail from each instruction to its like-sounding word.

### **Summer Research Undergraduate Experience**

California State University, Fullerton

June 2021 - August 2021

- Implemented statistical methodologies myrtle essential oil yield.
  - Analyzed significant variables on its production including processing time, condensation, and mass-to-water ratio.
  - Utilized a programming-based application, namely R-studio, to integrate statistical results and graphical illustrations on a digital poster through Overleaf.
-

## **Software Project**

### **Gesture-Controlled Web Application**

- Collaborated with a friend to create a web application using Javascript, Typescript, and Angular with basics the ability to have gesture controls
  - Gesture-based Navigation: Users could navigate through web pages by simply closing their hand, triggering the application to return to the previous page.
  - Gesture-based Scrolling: Intuitive scrolling was facilitated by the gesture of opening one hand and subsequently closing the other, providing a natural and intuitive browsing experience.
- 

## **Skills**

- Technical Skills: Python, Java, HTML, CSS, Javascript, Angular
- Software/Tools Proficiency: Terminal, R-Studio, Overleaf