

Rayan Tighiouart

t.alex.2002@gmail.com

<https://github.com/tig-github>

(310) 730-9281

EDUCATION

University of Irvine, California

B.S. Computer Science, Minor History

Expected Graduation: June 2024

GPA: 3.6, Dean's Honor List 3 Quarters

Courses: Discrete Math, Introductory Computer Organization, Machine Learning and Data-Mining, C++ as a Second Language

Spring Courses: Principles of Data Management, Information Retrieval, Data Structures, Deep Learning for Medical Imaging

SKILLS

Programming - Intermediate Python (Numpy, Matplotlib), HTML/CSS, Assembly (MIPS); Basic C++, Javascript, React

IDEs/VC - Vscode, Pycharm, Clion, Eclipse, Jupyter; Git

PROJECTS

GreedyAnts (HackUCI 2022)

February 2022

- Built website that retrieves user inputted list of ingredients, webscrapes for a recipe using the ingredients, and displays the recipe on the webpage
- Developed React-based frontend and routing entirely, helped with CSS styling of main page
- Hackathon project built with React/vanilla Css frontend, Flask backend, prototype completed

Portfolio Website

October 2021 - December 2021

- Developed portfolio featuring current/future projects developed with HTML/CSS, vanilla Javascript to gain familiarity with frontend
- Programmed dynamic darkmode feature, formatted with flexbox/grid CSS styling (vanilla),

Wordle in Assembly (Coursework)

March 2022

- Implemented a functioning clone of Wordle using MIPS assembly on the MARS assembler.
- Developed with respect to register conventions, manipulated memory/bit information.
- Utilized conditionals, loops, functions, stack and recursion in assembly.

CAMPUS ORGANIZATIONS

Commit The Change - Developer

October 2022 - Present

- Developing a website focused on providing resources related to Women's Safety such as menstrual products and escort services on a team of five.
- Programming React-based frontend, developing various components based on Figma designs.
- Planning implementation of a dynamic map that provides locations of emergency services and products.
- Organization creating software for Non-profit organizations utilizing common industry practices for software development, with three major NPO projects created every year and various community projects

VOLUNTEER EXPERIENCE

AYSO Youth Referee

Sept 2016 - Sept 2019

- Worked as a team with fellow referees in organizing and moderating soccer games
- Coordinating with the team on unexpected situations (such as wildfire smoke), adapting to best ensure a safe and fun environment for players.
- Directed the game as a center-referee, deciding on key calls and ensuring standards and rules of the game were upheld in a fast-paced environment.