Isaac Plotkin

Lafayette, CA | isaac.plotkin123@gmail.com | (925) 953-3739

EDUCATION

University of California, Santa Cruz   June 2022
Bachelor of Science in Computer Science
Relevant Coursework: Introduction to Data Structures, Data Structures and Algorithms, Linear Algebra, Computer Systems and Assembly Language, Vector Calculus, Applied Discrete Mathematics, Probability and Statistics for Engineers

Study Abroad in Sorrento, Italy   Summer 2019

TECHNICAL SKILLS

Programming languages (proficient): Java, Python, C++
Operating Systems: Windows, MacOS
Additional Computer Skills: Github, Django, Unity, Eclipse, Atom, Pycharm, Excel, Kivy

PROJECTS

Shakespeare Analyzer
Objective: To create a program that analyzes all of Shakespeare's works and reports to the user what the most frequently used word is of length x(inputted value).
- Learned how to Implement a linked list data structure to sort all of Shakespeare's words in C++.
- The program can work on any text file. It doesn't have to be shakespeare.

Waste Mindfulness
Objective: To make an app that creates an archive and graph of everything the user throws away. The user can look back at the graph, see their waste distribution and then be more mindful over how much trash they are wasting.
- Created with a team of four other members at CruzHacks 2020 in Python and Kivy.
- I mainly worked on backend development.

JOB EXPERIENCE

Skyhawks Sports Academy, Lafayette CA   June 2017 – Aug 2018
Athletic Director and Coach
- Directed camps and taught sports to 20-50 children weekly.
- Coordinated events and scheduling to ensure the smooth running of camps.
- Used my communication and leadership skills to serve as a role model for the children.

Lafayette Moraga Youth Association, Lafayette CA   Nov 2012 – Feb 2013
Basketball Referee
- Used my attention to detail in order to officiate a fair game.
- Resolved disputes with parents in a calm and professional manner

Volunteer Work and Organizations

Foster Care, Lafayette CA   2009-present
- My family provided foster care to infants.
- Assisted with the care of the infants.