Tigerlilly Zietz

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EDUCATION

Loyola Marymount University   **Los Angeles, CA**
*Bachelor of Science, **Computer Science Major, Pure Mathematics Minor: GPA: 3.9***   May 2022
Kapaa High School   **Kauai, HI**
High School Diploma   August 2014 - May 2018
University of Hawaii at Manoa   **Honolulu, HI**
Dual Enrollment Program   August 2015 - May 2018

RELEVANT COURSEWORK

Computer Programming	Methods of Proof	Database Systems
Programming Laboratory	Computer Systems Organization	Complex Variables
Algorithms	Data Structures	Linear Algebra
Data Structures	Calculus I, II, III	Software Engineering Lab
Logic Design	Engineering Ethics	Probability and Statistics

SKILLS

Experience in Python, Java, JavaScript, C, C++, Swift, React, Google App Engine, JSON, PHP, SQL, Go, API

PROGRAMMING EXPERIENCE

Digital Media Solutions   **Remote**
Software Engineer Intern   April 2021 - October 2021
Mozilla Web Developer Intern   **Los Angeles, CA**
Paid Intern   February 2020 - April 2020
Google Computer Science Summer Institution Extension Program   **Loyola Marymount University**
Participant   July 2018 - August 2018

TECHNOLOGICAL EMPLOYMENT HISTORY

Hanalei Elementary School   **Kauai, HI**
Technology Coordinator   March 2021 - August 2021
Information Technology Services   **Los Angeles, CA**
Event Technician, Classroom Support Services   August 2019 - March 2020
KNSCF Code Camp   **Kauai, HI**
Code Camp Counselor   July 2020 - July 2020

RELEVANT PROJECTS

Big Integer: Integrated arithmetic from scratch for arbitrarily large integers in Java. Demonstrated the powers of arbitrarily large integers with a Factorial and Fibonacci class.
Soccer Simulation: Programmed, in Java, a discrete simulation that, given an arbitrary number of kicked soccer balls, provides a continual report of the location and velocity of each ball as the simulation advances.
Minesweeper Game: Implemented a Minesweeper game in C.
juxtapolls.org: Developed a web application using React that compares and contrasts political candidates using data from the Federal Election Commission database.

AWARDS AND SCHOLARSHIPS

Dean's List - LMU Frank R. Seaver College of Science and Engineering   Fall 2018 - Current
LMU Arrupe Scholarship Recipient   2018 - Current
Kapaa High School **Valedictorian**   2018