WILLIAM LA

San Diego, CA | (240) 633-0350 | wla@g.hmc.edu | williamkla.com | github.com/William-La

EDUCATION

Harvey Mudd College, Claremont, CA   May 2022
B.S., Computer Science, GPA: 3.8
Relevant Coursework: *Principles of Computer Science, Linear Algebra, Differential Equations*
In Progress: *Data Structures & Program Development, Discrete Mathematics, Engineering Systems*
Honors: Recipient of the Harvey S. Mudd Merit Award, Dean's List

Udacity, Full Stack Web Developer Nanodegree   Jun. 2019-present
Relevant Course Material: HTTP, Databases with SQL and Python, Flask, APIs, Authentification, Linux Servers

SKILLS

Languages: Python, C++, Java, Racket, HTML, CSS, ReactJS, SQL
Software: GatsbyJS, Adobe InDesign, Photoshop, Illustrator, Unity, JFLAP, Logisim

EXPERIENCE

***Tutor and Office Assistant*, HMC Department of Computer Science, Claremont, CA**   Sep. 2019-present
- Work as a teaching assistant for Principles of Computer Science by tutoring and grading 90+ students
- Assist professors by helping with class logistics using programs such as Microsoft Excel

***Software Engineering Intern*, Callaway Golf, Carlsbad, CA**   May 2019-Aug. 2019
- Developed three intranet sites using Microsoft SharePoint, HTML, SASS, and TypeScript
- Built a self-service iOS app which pulls information from Callaway Golf's service desk site using Swift
- Gathered requirements for a downtime impact assessment app which will help alleviate downtime at Callaway Golf's distribution centers by increasing communication between office locations

***Software Development Intern and Camp Leader*, ThoughtSTEM, San Diego, CA**   Jun. 2017-Aug. 2017
- Collaborated with ThoughtSTEM staff and three other interns on month-long projects
- Taught 50+ K-12 students various computer science related curricula including Android app development, Scratch 2D game design, and Python programming

LEADERSHIP

***Co-president,* Living Learning Community, Claremont, CA**   Sep. 2018-present
- Lead a group of eleven students in planning and hosting social justice workshops for 200+ attendees
- Facilitate discussions on controversial issues to help my peers and I develop our critical thinking skills

***Chief of Design*, The Muddraker, Claremont, CA**   Sep. 2018-present
- Serve on editorial board, design layouts, and write articles about student life for the HMC newspaper

***Mentor*, Asian Pacific Islander Sponsor Program at Mudd, Claremont, CA**   Sep. 2018-present
- Advise five freshmen, host diversity-focused workshops, and encourage conversations regarding identity

***Design Manager*, Journal of Youths in Science, San Diego, CA**   May 2017-Jun. 2018
- Led a team of eight designers in formatting and publishing issues of a science magazine using InDesign

PROJECTS

***williamkla.com*, Personal Project, San Diego, CA**   Dec. 2018-present
- Develop and maintain a personal website utilizing GatsbyJS, React, HTML, CSS, and GraphQL

***Item Catalog*, Udacity Full Stack Web Developer Nanodegree**   Jul. 2019-Aug. 2019
- Coded a RESTful web app where users can edit items using Flask, Python, and third-party authentication

***Logs Analysis*, Udacity Full Stack Web Developer Nanodegree**   Jul. 2019
- Created a tool which analyzes a database with over one million entries using PostgreSQL and Python

***Math Royale*, AP Computer Science, San Diego, CA**   May 2018
- Used Java and Android Studio with a partner to develop an educational, math-themed clicker game