

WILLIAM LA

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EDUCATION

Harvey Mudd College, Claremont, CA May 2022
B.S., Computer Science; GPA: 4.0
Relevant Coursework: Fall 2018—*Intro to Computer Science, Social Justice & Equity: Stem and Beyond*; Spring 2019 (Current)—*Principles of Computer Science, Linear Algebra, Differential Equations*
Recipient of the Harvey S. Mudd Merit Award

San Diego State University, San Diego, CA Aug. 2017-June 2018
Relevant Coursework: *Calculus II (Dual Enrolled), Calculus III Multivariable (Dual Enrolled)*

Torrey Pines High School, San Diego, CA June 2018
GPA: 4.5 (Weighted) | 4.0 (Unweighted)
Relevant Coursework: *AP Computer Science, AP Calculus AB*

SKILLS

Languages: Python, Java, Racket, ReactJS, HTML, CSS, GraphQL
Software: GatsbyJS, Microsoft Excel, Adobe InDesign, Photoshop, Illustrator, Unity, JFLAP, Logisim

EXPERIENCE

Office Assistant, HMC Department of Computer Science, Claremont, CA Sept. 2018-present

- Assist computer science professors by grading papers and using programs such as Excel

CS Intern and Camp Leader, ThoughtSTEM, San Diego, CA June 2017-Aug. 2017

- Completed ThoughtSTEM's OOP, Software Engineering, and Web Development classes
- Collaborated with ThoughtSTEM staff and three other interns on month-long projects
- Taught K-12 students various computer science related curricula including Android app development, Scratch 2D game design, and Python programming

ACTIVITIES

Member, 5C Software Club, Claremont, CA Sept. 2018-present

- Work on coding projects and participate in workshops covering topics such as API and MapReduce
- Organized "Claremont Local Hack Day", a hackathon with many workshops and 50+ participants

Member, Living Learning Community, Claremont, CA Sept. 2018-present

- Discuss social justice topics to help students become leaders in challenging these issues

Writer and Layout Designer, Muddraker, Claremont, CA Sept. 2018-present

- Design layouts and write articles about student life for the HMC newspaper

Design Manager, Journal of Youths in Science, San Diego, CA May 2017-June 2018

- Led a team of eight designers in formatting and publishing three issues of a science magazine

PROJECTS

www.williamkla.com, Personal Project, San Diego, CA Dec. 2018-present

- Develop and maintain a personal website utilizing GatsbyJS, React, HTML, CSS, and GraphQL

Putt Putt Pool, Intro to Computer Science, Claremont, CA Dec. 2018

- Programmed a combination of mini golf and billiards with a partner using the VPython library

Arduino Turing Machine, Muddhacks, Claremont, CA Oct. 2018

- Constructed a decryption machine from an arduino with two partners using bit manipulation in C++

Math Royale, AP Computer Science, San Diego, CA May 2018-present

- Use Java and Android Studio with a partner to develop an educational, math-themed clicker game