

Taylor Wong

Orinda, CA | (925) 482-4482 | taylorwong@sandiego.edu

[linkedin.com/in/taylor-wong](https://www.linkedin.com/in/taylor-wong) | github.com/wongtaylor | <https://wongtaylor.github.io>

EDUCATION

University of San Diego (USD) Shiley-Marcos School of Engineering

May 2019

Bachelor of Arts in Computer Science

GPA: 3.73/4.00

Minors in Business Administration and Mathematics

- *Honors:* Dean's List, First Honors Scholar, IEEE Honor Society, Eta Kappa Nu
- *Relevant Courses:* Computer Systems, Object-Oriented Design, Automata, Computability and Formal Languages, Organizational Behavior, Data Structures and Algorithms, Mobile App Development

SKILLS

Technical: *Experienced:* Java, Python, C/C#, Swift, Linux, Salesforce, TargetX, Xcode, IntelliJ, Excel

Proficient: HTML, CSS, XML, MATLAB, Visual Studios, LaTeX, Illustrator, Photoshop

Developmental Tools: GDB, Valgrind, Git Source Control, AVFoundation, Atlassian Bitbucket

RELATED EXPERIENCE

Hands-On Technology

San Diego, CA

STEM Curriculum Developer

Apr. 2018 – Present

- Develop curriculum to cover an introduction to Java Programming and Android app development
- Fabricated 10 Arduino projects, including a pre-lab, lab, and post-lab for each lesson and activity

USD Department of Mathematics

San Diego, CA

Research Intern

Jan. 2018 – Present

- Explore theories surrounding paper hyperbolic paraboloids and polyhedrons by fabricating 50 models
- Collaborated with a team to present our findings in a publication, "*Building with Art & Mathematics*"

sciRobot

San Francisco, CA

Mobile Interaction Design Intern

Mar. 2017 – Aug. 2017

- Motivated a team of 12 to meet time benchmarks during a five-month project onto completion
- Collected data using A/B testing in local care facilities to decrease production costs by 20%

TECHNICAL PROJECTS

Text Compression Program | Java

Apr. 2018

- Engineered an efficient hash table with chaining to compress text files and decompress binary files

Algorithm Analysis Program | Java

Feb. 2018

- Implemented four different algorithms to find the maximum subsequence sum in a list of numbers
- Analyzed the efficiency and complexity of each algorithms applying knowledge of the Big-O notation

Cache Simulator Program | C

Nov. 2017

- Simulated a multilevel cache using knowledge of processors, associativity, and replacement policies

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Residential Life at USD

San Diego, CA

Resident Assistant

Aug. 2017 – Present

- Supervise a floor of 30 students as a positive mentor, confidant, and Campus Security Authority
- Manage administrative tasks, student conduct reports, and confidential documents using Salesforce

Mortar Board Senior Honor Society

San Diego, CA

Member

Apr. 2018 - Present

- Nominated and recognized for outstanding achievement in scholarship, leadership, and service
- Selected as one of 30 students among applicants from the top 35% of the Junior class

Leadership Student Group

San Diego, CA

Outreach Coordinator

Jan. 2018 – Present

- Reach out and solidify speakers for our club on servant leadership and business development

Interests: Guitar | Music | Sketching | Photography | Rock Climbing | Hiking | Dance