

TAYLOR WONG

Orinda, CA | (925) 482-4482 | wong.taylor97@gmail.com
[linkedin.com/in/taylor-wong](https://www.linkedin.com/in/taylor-wong) | github.com/wongtaylor | <https://wongtaylor.github.io>

PROFESSIONAL EXPERIENCE

Knapp Scholar Research Intern, Knapp Chair Team of Liberal Arts
San Diego, CA | *Jan. 2018 – Present*

- Worked under Mark and Erik Demaine from MIT to explore ideas surrounding geometric origami, structural integrity, and design
- Solved architectural and engineering puzzles with a coding team
- Coordinated with project creation sites in Tijuana and Linda Vista

Mobile Interaction Design Intern, sciRobot

San Francisco, CA | *Mar. 2017 – Aug. 2017*

- Led and trained a team of 10 to develop the necessary components of the Activity Companion Robot (ACRO)
- Collected physical mobility data using A/B testing in local care facilities to meet client needs and limitations
- Researched and designed music and movement therapy packages

Resident Assistant, Residential Life at USD

San Diego, CA | *Aug. 2017 – Present*

- Supervised a floor of 30 first-year students as a positive mentor, confidant, and Campus Security Authority
- Managed administrative tasks, student conduct reports, and confidential documents using TargetX on Salesforce
- Organized programs that supported community and diversity

Marketing Manager, Outdoor Adventures at USD

San Diego, CA | *Sep. 2016 – Present*

- Promoted 10% growth in outdoor programs and trip participation
- Provided management in event planning for more than 15 trips
- Designed and managed the Outdoor Adventures website

TECHNICAL PROJECTS

Programming Assignment (Swift) | *Jan. 2018*

- Created an interactive word-guessing game on Xcode where each player has a limited number of turns to guess the letters in a word

Programming Assignment (C) | *Nov. 2017*

- Designed and implemented a cache simulator program that read in a trace file and specified the number of memory accesses, simulated the cache, and printed out the statistics about the cache, including hit rate, miss penalty, time elapsed, etc.

Programming Assignment (Python) | *Sep. 2017*

- Built and implemented a web scraping program using Vim that manipulated data collected from a website and critically analyzed it on a micro and macro level using wrappers, strategy, and closure

Master ACRO App (XAML and C#) | *Mar. 2017 – Aug. 2017*

- Designed the user interface for the cross-platform mobile app that controlled ACRO product features and activity program details

INTERESTS: Backpacking the Pacific Crest Trail, songwriting, sketching, photography, rock climbing, and traveling the world

EDUCATION

University of San Diego (USD)

Shiley-Marcos School of Engineering

Bachelor of Arts in Computer Science
Minors in Business Administration and Mathematics

Expected May 2019 / GPA: 3.73/4.00

Honors

USD's Dean's List, First Honors

Relevant Courses

Computer Systems, Object-Oriented Design, Linear Algebra, Organizational Behavior, Mobile App Development, Data Structures and Algorithms (Sp. 18)

SKILLS

Programming Languages

Proficient in Java, Python, C/C#, Swift, HTML5, CSS 3, Matlab

Software

Linux, Xcode, IntelliJ, Visual Studios, Salesforce, TargetX, Atom, Adobe Illustrator and Photoshop

Developmental Tools

GDB, Valgrind

Programming Projects

Bitbucket access available upon request

Competitions

Putnam Math Competition | *2017*

EXTRACURRICULAR ACTIVITIES

Outreach Coordinator, Leadership Student Group | *2018 – Present*

S³ Stem Cohort Member | *2017 - Present*

Executive Board Member, Less Than Three Hip Hop Crew | *2016 - Present*

Volunteer at Project Outreach, Grace Church | *2016 - Present*

Member of Filipino Ugnayan Student Organization | *2016 - Present*