

Taylor Wong

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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, Eta Kappa Nu Honor Society (top 25% of engineering students)
- *Relevant Courses:* Neural Networks, Computer Systems, Object-Oriented Design, Automata, Computability and Formal Languages, Organizational Behavior, Data Structures and Algorithms

SKILLS

Languages: Java, Python, C, C#, Swift, HTML, CSS, JavaScript, SQL, XML, MATLAB, LaTeX

Software: Linux, Git/Github, Xcode, AWS, Bootstrap, Visual Studios, Salesforce, Illustrator, Atlassian

RELATED EXPERIENCE

Clarity Design

San Diego, CA

Software Engineering Intern

Jun. 2018 – Present

- Collaborating with a team of four to complete projects surrounding the Corporate Database System, develop a music delivery platform for a client, and release the improved corporate database website

Hands-On Technology

San Diego, CA

STEM Curriculum Developer

Apr. 2018 – Present

- Fabricated curriculum that covered Java, Arduino basics, and Android app development in order for students to develop a strong understanding of Java and gain exposure to other engineering fields

sciRobot

San Francisco, CA

Mobile Interaction Design Intern

Mar. 2017 – Aug. 2017

- Collected data using A/B testing to create a user friendly mobile app supporting the flagship product

TECHNICAL PROJECTS

USD Today App | *Swift*

May 2018

- Personal Calendar app with filtering by interests enabled to keep track of University related events

Text Compression Program | *Java*

Apr. 2018

- Engineered an efficient dictionary and hash table with separate chaining to reduce collisions and time

Automaton Conversion | *Python*

Mar. 2018

- Parsed a given regular expression into a syntax tree and constructed an equivalent NFA and DFA

Cache Simulator | *C*

Nov. 2017

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

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Association of Computing Machinery

San Diego, CA

President

Jan. 2018 – Present

- Increased participation by 200% through a stronger focus on career preparation offering technical workshops, mock interviews, and hackathons leading to positive feedback and confident students

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

Mortar Board Senior Honor Society

San Diego, CA

Chair of Service and Philanthropy

Apr. 2018 - Present

- Selected as one of 30 students among applicants from the top 35% of third-year USD students

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