

Von Taylor

+1 (650)-557-6219 | taylorvon525@gmail.com | <https://www.linkedin.com/in/von-taylor3/> | <https://von-taylor.github.io/VonTaylor/>

EDUCATION

University of California, San Diego

Bachelor of Science in Computer Science, GPA: 3.72

Relevant Coursework: Data Structures and Algorithms, Computer Systems, Software Tools

San Diego, CA

Expected March 2025

TECHNICAL SKILLS

Programming Languages: Proficient - Java, C, C++; Familiar - ARM, Kotlin, Python, Bash Script

Software Tools: VS Code, Android Studio, Vim, Command Terminal, Git, Github

PROJECTS

Android Studio, an integrated development environment designed specifically for Android development

- Calculator Mobile App (Kotlin): Manages the Gradle framework to allow users to do simple arithmetic with integers and decimals, which includes addition, subtraction, multiplication, and division
- Random Password Generator Mobile App (Kotlin): Employs the Gradle framework to allow users to press a button that generates a password depending on if they choose uppercase letters, lowercase letters, digits, and/or symbols

Academic Projects

- Huffman Coding Program (C++): Implements a tool to compress and uncompress files using Huffman Coding
- Book Cipher Program (C/ARM): Uses the words from any book, text file, or binary file to encrypt and decrypt any text or binary file using bitwise operations
- Memory Parking Ticket Database Program (C): Utilizes the hashing and linked list data structures to create and manage a parking ticket database in memory based on real data from the 2018 New York City summons database
- Data Tokenizer Program (C): Applies tokenization to replace the comma delimiters from CSV files with a unique identification symbol to separate the CSV file's contents into manageable and processable data fields
- C Preprocessor Simulator Program (C): Simulates the C preprocessor by reading in a file and removing all C and C++ style comments from the file

WORK EXPERIENCE

Skyline Community College Stem Center

Skyline Peer Instructor Tutor

San Bruno, CA

January 2022 – May 2022

- Contributed to the tutoring and assistance of a total of more than 759 satisfied students in STEM
- Lead office hours and physics workshops to help students increase their performance and test scores
- Proven capability to illustrate a positive attitude while communicating ideas clearly with others and guiding them to desired solutions to their inquiries

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT)

Career Preparation Fellow

San Francisco, CA

February 2023 – Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent

UCSD Computer Science and Engineering Society (CSES)

Staff Member

San Diego, CA

February 2023 – Present

- Engaged in professional development events to learn how to become a more rounded Computer Scientist

VOLUNTEERING

Pacific Bay Christian Non-Profit Organization

Alumni Magazine Lead Interviewer and Photo Aid Volunteer

Pacifica, CA

January 2022 – Present

- Collaborated as a team to drive the successful publishing of 3 alumni magazines by meticulously leading the majority of the interviews and contacting the interviewees for photos to use in the magazines
- Illustrated interpersonal and communication skills by capability to lead conversations
- Researched effective interview strategies and how to further empathize with interviewees

INTERESTS

Passionate and experienced with software development, back-end development, and mobile application development, and interested in doing problems on LeetCode and Hackerrank