Von Taylor

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https://von-taylor.github.io/VonTaylor/

EDUCATION

University of California, San Diego   San Diego, CA
Bachelor of Science in Computer Science, GPA: 3.84   Expected March 2025
Coursework: Data Structures and Algorithms, Computer Architecture, Software Development, Mechanics, Electromagnetism

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, Javascript, HTML, CSS, Dart, C, Kotlin
Software Technologies: VS Code, Linux Commands, Docker, FastAPI, AWS Lambda, ChatGPT API, MongoDB, Android Studio, Jira, BitBucket, Postman, Flask, Airflow, NiFi, Kafka

PROFESSIONAL EXPERIENCE

University of California, San Diego Information Technology Services   San Diego, CA
Student Engineer - Information Technology Services (ITS)   June 2023 – Present
- Incorporated the agile scrum methodology to develop, test, and deploy applications that supply the latest news and services to 35,000 people among the student body and college departments and improve UC San Diego's community
- Exhibited ability to collaborate with a small team in a fast-paced environment to make efficient progress on projects
- Successfully navigated ambiguous situations by researching new skills and best practices when developing solutions

Skyline Community College Stem Center   San Bruno, CA
Skyline Peer Instructor Tutor   January 2022 – May 2022
- Contributed to the tutoring and assistance of more than 760 students in STEM that served to supply a diverse range of students with the necessary resources, confidence, and skills to succeed in their academic environments
- Led office hours and physics workshops to help students increase their performance and test scores
- Effectively guided students through resolving technical problems

TECHNICAL PROJECTS

- **SayIt Assistant (Java)**: Desktop app that deploys the Gradle framework and ChatGPT APIs to allow users to verbally ask questions and receive answers generated by ChatGPT, and verbally create and send emails generated by ChatGPT
- **Huffman Coding (C++)**: Implements a tool to compress and uncompress files using Huffman Coding
- **Book Cipher (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 (C)**: Utilizes the hashing and linked list data structures to create and manage a parking ticket database in memory based on data from the 2018 New York City summons database

LEADERSHIP & PROFESSIONAL DEVELOPMENT

National Society of Black Engineers (NSBE)   San Diego, CA
Vice President External   September 2023 – Present
- Proactively brought diversity and professional development opportunities to the black population in the engineering field
- Reached out to and developed long-term partnerships with engineering companies for the sake of planning and hosting events with them and discussing mutual benefits via sponsorships
- Facilitated the planning and performance of events to bring professional development opportunities to the student body

Management Leadership for Tomorrow (MLT)   San Francisco, CA
Career Preparation Fellow   February 2023 – Present
- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Completed business case studies and assignments to hone analytical, quantitative, and technical skills
- Attended conferences hosted by industry leaders, such as Deloitte, LinkedIn, Amazon, and Target

CodePath Advanced Technical Interview Prep   Remote
Advanced Interview Prep Student   June 2023 – August 2023
- Accepted into a selective 10-week program composed of 200 professionally-driven students
- Solved technical problems in interview scenarios by practicing and applying various techniques

INTERESTS

Passionate and experienced with software development, back-end development, and mobile application development, and interested in playing sports, jogging, playing video games, and solving technical problems