

Joshua Gomes

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EDUCATION

University of California, Irvine - Irvine, CA
Bachelor of Science in Computer Science
GPA: 3.87

June 2022

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, HTML5, CSS3
- **Technologies/Databases:** NodeJS, SQL, Pandas
- **Tools/Systems:** Unix, Shell Scripting, Git

WORK EXPERIENCE

Data Engineering Intern | Affinity Solutions, San Jose, CA

Aug. 2020–Present

- Wrote Python Scripts to analyze and work with financial data
- Achieved efficiency in log analysis by organizing dashboards and reports with Tableau.

PROJECTS

Genome Explorer - Data Structures in C++

- Built a program to reference a data set of genomes to create a reference De Novo genome
- Utilized 3 different data structures to access data to display different results based on queries
- Link - <https://github.com/codewitty/FinalProject>

Python Projects - Python

- Leveraged Pandas and MySQL for data analysis
- Constructed a Population Web Map and a personal website with Python
- Performed Image and Video Processing using OpenCV-Python
- Link - <https://github.com/codewitty/Python-Projects>

Libft - C

- Implemented a C library of standard and special functions using MakeFile in a peer-learning environment
- Link - <https://github.com/codewitty/Cadet/tree/master/libft>

EXTRACURRICULARS AND LEADERSHIP

Inter-Club Council Secretary, De Anza College, Cupertino, CA

Jan. 2019–Aug 2020

- Liaison between the De Anza Student Body and the Inter Club Council to ensure clubs had sufficient funding for planned activities
- Supported the Inter-Club Council Advisor to ensure clubs adhere to College requirements
- Collaborated with the ICC Officers to plan and execute College-wide events to drive student engagement and enrich college life such as Club Day, Spring Carnival, Fall Mixer etc.
- Pioneered a peer mentorship program for college students together with the ICC Officers

COMMUNITY SERVICE EXPERIENCE

OTI Volunteer, De Anza College, Cupertino, CA

Oct. 2018–Dec 2018

- Contributed to the setup and minor repairs of refurbished laptops donated to students in need
- Facilitated several new relationships with vendors and companies to procure used machines
- The team built and delivered a record 315 computers in Q4 2018

INTERESTS

- AI / Machine Learning
- Cybersecurity
- Full Stack Development
- Distributed Systems
- Soccer
- Photography