

Joshua Gomes

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Santa Clara, CA - 95054 | (408) 891-6172

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

- Developed, built and deployed framework to ensure DSAR CCPA compliance to the Identity Engine handling over 15 million records for the entire organization
- Automated report delivery to clients including picking up query responses and generating excel documents using Python. This design saved hours of manual work weekly generating multiple reports for customers

PROJECTS

Genome Explorer - Data Structures in C++

- Built a program to reference a data set of 10,000 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 over 50 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. Clubs held 146 events during 2020 year, a 45% increase from the previous year.
- Supported the Inter-Club Council Advisor to ensure clubs adhere to College requirements. Total club count grew from 55 to 88 from 2019 to 2020.
- 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
- Soccer
- Photography