

Angelo Ibarrola

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Education

San José State University | *Candidate for B.S in Computer Engineering (Major GPA 3.4)* Dec. 2021

Relevant Coursework: Object-Oriented Concepts and Methodology, Algorithms and Data Structure Design, Assembly Language Programming, Digital Design, Electronics for Computing Systems, Advanced Algorithm Design, Software Engineering I

Experience

Society of Asian Scientists and Engineers at SJSU | **Industrial Chair** Current

- Provide networking opportunities for members by adding career panels and resume workshops
- **Manage two technical projects** by defining requirements, managing schedules, and planning roadmap
- Increase member retention by streamlining pairing process in mentorship program

ACM SIGGRAPH Computer Graphics at SJSU | **Web Developer** Current

- Improve user readability and usability by implementing SASS to React website

Vietnamese Student Association at SJSU | **President • Publicity Chair** 2018-2020

- Supervised internal and external multi-functional teams in programming and event planning
- Facilitated weekly general and officer meetings to ensure tight inter-team communication and coordination
- **Led two semester-long programs** that mentored our interns through weekly meetings, team-building activities, and projects to grow their leadership skills
- Increased membership count to over **400** by enhancing the organization's media usage to maximize effectiveness of marketing strategies
- Raised over **\$6,000** for our philanthropy: Children of Vietnam by planning fundraiser events
- Increased civil engagement by registering over **200** students to vote
- Won Cultural Organization of the Year for second time in a row

Akbayan, Pilipino-American Organization at SJSU | **Synergy Intern** 2018-2019

- Coordinated committee members as Media Director to recognize members and show appreciation and accomplishments of organization through videos and pictures
- Developed cultural workshop plans for over **2,000** members to build cultural pride and awareness
- Raised **\$4,300** through weekly food fundraisers while collaborating with PR and Media teams

Projects

Flush Finder | **Node.js • Express • MongoDB** June 2020

- Created full stack web application that allows users to add and check toilet reviews
- Implemented REST architecture to map HTTP routes and CRUD functionalities
- Increased privacy and user security by adding user authorization and authentication

Affirmation Messenger | **Python • Flask • Heroku Postgres** May 2020

- Created website for VSA members to send positive affirmations and confessions during quarantine
- Over **500** affirmations have been sent with over **75** users that created account
- Designed intuitive front-end UI to replicate real experiences with letters

Mentorship Pairing Tool | **Python • Flask** May 2020

- Developed application that allows for more efficient pairing process between bigs and littles
- Integrated **Google Drive API** to read user's input from Google Sheets
- Created algorithm that would determine compatibility based on interests
- Increased accuracy of compatibilities by **10%** by adding dynamic factor to algorithm
- Implemented weekly sprints and scrums which increased group efficiency

Technical Skills

Languages

Python • JavaScript • HTML5 • CSS3 • SASS

Technologies

Flask • Express • Node.js • React • Git • MongoDB • Heroku • Canva • iMovie