Angelo Ibarrola

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Education

San Jose State University | *B.S in Computer Engineering*   *Dec. 2021*
Relevant Coursework: Object-Oriented Concepts and Methodology, Advanced Algorithms and Data Structures, Assembly Language Programming, Digital Design, Electronics for Computing Systems

Experience

Society of Asian Scientists and Engineers at SJSU | **Program Manager**   *June 2020 - 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**   *June 2020 - 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 of 10-20 in programming and event planning
- Initiated and organized first multi-day cabinet retreat of 16 officers and facilitated weekly general and officer meetings to ensure tight inter-team communication and coordination
- **Led two semester-long programs** that mentored 17 interns through leadership workshops and projects
- Increased membership count from 200 to over **400** by effectively using marketing strategies on social media platforms, gathering a combined **8,000+ attendees** in meetings and events
- Won Cultural Organization of the Year twice out of 450+ student organizations in SJSU

Akbayan, Pilipino-American Organization at SJSU | **Media Intern**   *2018-2019*
- Coordinated team of 9 to recognize members and show accomplishments through videos and 200+ pictures
- Developed cultural workshop plans for over **2,000** members to build cultural pride and awareness
- Worked cross functionally with PR and Media teams to raise **$4,300** through weekly food fundraisers

Projects

Flush Finder | **Node.js • Express • MongoDB**   *June 2020*
- Developed 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*
- Developed full stack web application that allows users to send positive affirmations during quarantine
- Launched website for VSA members resulting in over **75** users and over **500** sent affirmations
- Designed wireframe and developed intuitive front-end UI to replicate real experiences with letters

Mentorship Pairing Tool | **Python • Flask**   *May 2020*
- Led team of 3 to develop application that allows for efficient pairing process between mentors and mentees
- Integrated **Google Drive API** to read user's input from Google Sheets
- Created and optimized algorithm by **10%** to better determine compatibility based on interests
- Increased group efficiency by implementing weekly code sprints and agile methodologies

Technical Skills

Programming & Markup Languages: Python, JavaScript, HTML5, CSS3, SASS
Programming Frameworks/Tools: Flask, Express, Node.js, React, MongoDB, Heroku, Git
Design/Project Management Tools: Figma, Canva, iMovie, Trello