

# Angelo Ibarrola

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## Education

**B.S Computer Engineering**  
San Jose State University, San Jose, CA (Dec 2021)

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## Experience

### Program Manager

#### Society of Asian Scientists and Engineers at SJSU

*Jun 2020 - Current*

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

### Web Developer

#### ACM SIGGRAPH Computer Graphics at SJSU

*Jun 2020 - Current*

- Improved user readability and usability by implementing SASS to React website
- Enhanced page load time by **61%** by optimizing and serving scaled images
- Revamped operations by strategically planning event's deadline and developing roadmap based on organization's mission

### President / Publicity Chair

#### Vietnamese Student Association at SJSU

*Jun 2018- Jun 2020*

- Facilitated weekly general and officer meetings to ensure tight inter-team communication and coordination
- Supervised internal and external multi-functional teams of 10-20 to gather a combined **8,000+ attendees** in events and meetings
- Led two semester-long programs that mentored 17 interns through leadership workshops and projects
- Doubled membership count from 200 to over 400 by effectively using marketing strategies on social media platforms
- Won Cultural Organization of the Year twice out of 450+ student organizations in SJSU

### Media Intern

#### Akbayan, Pilipino-American Organization at SJSU

*Aug 2018 - Jun 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

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## Notable Projects

### Flush Finder | Node.js • Express • MongoDB

- 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

- 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

- Led team of 3 programmers to develop application that allows for efficient pairing process between mentors and mentees
- Improved user experience by integrating 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

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## Technical Tools

Python	Javascript	HTML5	JIRA	React.js	Figma
Flask	Express	CSS3	Git	Heroku	Canva
Postgres	Node.js	SASS	Trello	MongoDB	iMovie