Angelo Ibarrola

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Education

San José State University | *Candidate for B.S in Computer Engineering*   *Dec. 2021*

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

Projects

Flush Finder | *Node.js • Express • MongoDB*   *June 2020*
- Allows users to add, edit, delete and review toilets
- Implement REST architecture to map HTTP routes and CRUD functionalities
- Added user authorization and authentication

Affirmation Messenger | *Python • Flask • Heroku Postgres*   *May 2020*
- Created website for members to send positive affirmations and confessions during quarantine
- Over **500** affirmations have been sent with over **75** users that created account
- Designed simple front-end UI to replicate real experiences with letters

Mentorship Pairing Tool | *Python • Flask*   *May 2020*
- Created application that allows for more efficient pairing process between bigs and littles
- Implemented **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

Schedule Master | *Python • Flask • SQLAlchemy*   *April 2020*
- Created website that allows users to create account and save available times for guest users to schedule meetings
- Implemented Sphinx documentation, weekly sprints and scrums which increased group efficiency
- Used Travis CI for testing website

Tip Calculator | *Swift*   *Jan. 2020*
- User can enter bill amount, choose tip percentage, and see tip and total values
- Understood how to develop a basic iPhone app

Leadership

Vietnamese Student Association at SJSU | President • Publicity Chair   *2017-2020*
- Led semester long program that mentored our interns through weekly meetings, team-building activities, and projects to grow their leadership skills
- Increased membership count from 200 to **over 400** members through innovative ways of member recruitment using social media and on-campus presence
- Raised over **$6,000** for our philanthropy: Children of Vietnam by performing creative fundraisers
- 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*
- Media Committee Director for End of the Year Banquet event to recognize members and show appreciation and accomplishments of organization through videos and pictures
- Created cultural workshops 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

About Me

Languages	Python • JavaScript • HTML/CSS • C++
Technologies	Flask • Node.js • Git • Canva • iMovie
Interests	Web Design • Vlogging • Volleyball • Leadership • Storytelling