Angelo Ibarrola

angeloibarrola5@gmail.com | (408) 207-5669

linkedin.com/in/angeloibarrola/ | github.com/aibarrola

Education

San Jose State University | *Candidate for B.S in Computer Engineering*   *2017-2021*

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

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

Mentorship Pairing Tool | *Python • Flask*   *May 2020*
- Created an application that allows for a more efficient pairing process between bigs and littles
- Implemented Google Drive API to read user's input from Google Sheets
- Created an algorithm that would determine compatibility based on interests

Schedule Master | *Python • Flask • SQLAlchemy*   *April 2020*
- Created a website that allows users to create an 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 the website

Tip Calculator | *Swift*   *Jan. 2020*
- User can enter a bill amount, choose a tip percentage, and see the tip and total values

Mock Simon Game | *C*   *May 2018*
- Lead programmer to develop a Simon program, a classic memorization game
  that requires the user to repeat a sequence after the device creates a series of lights
- Incorporated a microcontroller to control display and light-emitting diode to return the sequence

Experience

Vietnamese Student Association at SJSU | President • Publicity Chair   *2017-2020*
- Led a 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 the 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 the organization through videos and pictures
- Created cultural workshops for over 2000 members to build cultural pride and awareness
- Raised $4300 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