Emilio Quiambao

Software Developer

San Francisco, CA

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Projects

Environmental Hazard Website
Developed an environmental hazard website from scratch with a team of seven students. Worked as full stack developer and back-end lead. Created vertical prototype with Django framework and MySQL Workbench on AWS Server. Documented project milestones.

Data Wrangler Management Project
A real world I.T. project management case of a data wrangling software. Created the business case, project infrastructure, scope management plan, work breakdown structure, schedule, and budget.

Webcam Music
An app created in a 24-hour hackathon using Processing. Webcam is used to create music based on pictures taken.

Particle Life
Inspired by Conway's Game of Life, a javascript app utilizing particles to simulate organic movement.

Android Event Browser
Android app developed using Android Studio. Implements Meetup and Volley API. Able to search and display info retrieved from Meetup API in a card list.

ASCII Maze Solver
Receives an ASCII maze file and displays it correspondingly in graphics. A solution is then generated and a character sprite follows the path.

Work Experience

The X Kids
Technology Camp School Instructor
Feb 2017 – Aug 2017 | San Francisco, CA

- » Taught kids robotics, coding, and chess.
- » Ages range from kindergarten to middle school.

San Francisco SPCA
Shelter, Special Events, and Matchmaking Volunteer
July 2016 – Aug 2017 | San Francisco, CA

- » Contributed 50+ hrs at an animal shelter.
- » Helped clients looking to adopt.
- » Maintained animal database.

Skills

Software Engineering Process
Knowledge of full SE lifecycle including common and best practices for SE teamwork and SE processes.

Business Operations
Experienced in I.T. Project Management. Knowledgeable of the project life cycle, systems development life cycle, and project management body of knowledge areas.

Programming Languages
Java
JavaScript
Python
HTML & CSS
C, C++
SQL
Lua
PHP

Audio / Video Tools
Ableton Live
FL Studio
rekordbox
Traktor
Sony Vegas
Adobe Premiere
Processing / p5.js
TouchDesigner
OBS Studio

Software Tools
Django
Bootstrap
Git, GitHub
MySQL Workbench
VirtualBox
Android Studio

Project Management
Slack
Agile/Scrum
MS Project, SAP
User-centered design
Skype, Zoom
Trello

Education

San Francisco State University
BS in Computer Science | Aug 2014 – Dec 2018
GPA: 3.59

University of Seoul
BS in Computer Science | Aug 2017 – Jan 2018

Activities

Association for Computer Machinery
Organization where engineer and CS students share projects, ideas, and tech news.

International Education Exchange Council
Student organization encouraging international education, student exchange and sharing of cultures between international and domestic students.

SF State Exchange Program
Studied abroad in Seoul, Korea for a semester with GKS scholarship. Studied artifical intelligence.