
William Chiu

Box #45201
9450 Gilman Dr.
La Jolla, California
wtchiu@ucsd.edu

Major: B.S. Computer Science (Junior Standing)

Projects: <http://www.github.com/willtchiu>

EDUCATION

10/1/14 – present

University of California- San Diego (**Graduation Date: June 2018**) La Jolla, California

COURSE WORK

(Relevant projected and present coursework)

Currently Taking:

- Computer Organization (C/ARM)
- Mathematics for Algorithms and Systems
- Game Theory

CURRENT PROJECTS

Production Time:

7/20/15-Present

Envite – iOS App that serves as a database for local college events for easy discovery

- Backend created using the MEN Stack (MongoDB, Express, Node.js)
- Used IaaS–server script, database maintenance, and database administration all done manually.
- Wrote a technical blog tracking progress, design problems and how I overcame them, and my rationalization behind design decisions.

<http://github.com/willtchiu/EnviteBlog>

10/2/15-10/4/15

Zen – A hardware project that turns off SMS, notifications, etc based on the user's level of concentration gathered from brain waves. (SDHacks 2015 Project)

- Wrote an OSC local server to analyze and parse raw brain wave data to detect moments of concentration.
- Connected OSC server to handle GET requests to Twilio webserver, which depending on the level of user concentration blocked incoming SMS, calls, and notifications.

WORK/INTERN EXPERIENCE

6/04/12 – 7/28/12

Pegasus Vertex Drilling Software Company (Houston, Texas)

8 weeks

Drilling Application Test Engineer (Intern Job)

- Tasked with discovering bugs in proprietary drilling application software.
- Monitored internet traffic and collected statistical data increasing traffic driven by 20%

ACTIVITIES, AWARDS, LEADERSHIP

(Includes extracurricular, community, religious and volunteer activities)

Sophomore
Freshman

HackerRank World Cup Semifinalist

2015

WIC Programming Competition Spring, 3/53

2015

HackerRank Spring CodeSprint, 178/626

2015

High School

3rd Place University of Houston Mathematics Team Contest (Team Leader)

2014

Regional 1st Place, National Qualifier Web Application (Team Leader)

2012

2nd Place University of Houston Mathematics Team Contest (Team Leader)

2011

Regional 1st Place State Qualifier Economic Research Project, BPA

2011

SKILLS

Advanced:

Java
Linux/Unix
Objective-C

Proficient:

Android Studio
HTML/CSS
C
Node.js (Backend RESTful server)
MongoDB