Tuan Anh Tran Caraballo

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OBJECTIVE:
Computer Science student seeking a technical internship for the summer.

EDUCATION
Stanford University – Stanford, CA
- B.S., Computer Science (expected graduation: 2018)

WORK EXPERIENCE
Admission Associate, Stanford Office of Undergraduate Admissions – Stanford, CA   **June 2014-present**
- Present Stanford admission information to audiences of 90-120.
- Worked on projects for multiple teams, including collaborating to construct admission case studies and assisting with training of new Admission Associates.

Research Intern, Pediatrics Department Stanford School of Medicine – Stanford, CA   **January 2014-Sept 2014**
- Cultivate and thaw HEK-1 cells and cardiomyocytes.
- In charge of mice genotyping and other lab work such as media preparation and autoclave.
- Contributed to the development of a collagen patch containing Follistatin-like 1 (FSTL1) that helped regenerate cardiomyocytes upon induced heart attack

Science and Spanish tutor, Mt. Hood Community College – Gresham, Oregon.   **September 2011-August 2013**
- Assist students in reviewing material and clarifying content in Chemistry, Physics, Math and Spanish.

Tool Rental Sales Associate, The Home Depot – Troutdale, Oregon.   **May 2011-August 2013**
- Performed cashier register transactions and maintained accurate balances, set up tool rental contracts and filed documents, cleaned and repaired power tools.
- Provided quality customer service: One of 15/310 employees selected for 2012 All Stars best service.

Tour Guide, Sinh Café Tourism Agency - Ho Chi Minh City, Vietnam   **February 2010- September 2010**
- Led Spanish-speaking tour groups around Ho Chi Minh City to places of cultural interest.

Squad Leader, Tank Artillery Specialist, Cuban Armed Forces – La Havana, Cuba   **May 2008- January 2010**
- As squad leader, provided mentorship and management for over 15 soldiers.
- Specialized as a PKM-tank machine gunner.

TECHNICAL COURSES:
- CME100 - Vector Calculus for Engineers
- CS106A - Programming Methodology
- CS106B - Data Structures
- CS107 - Computer Organization Systems
- E40 - Introductory Electronics
- CS142 - Web Applications   (full-stack)
- CS193A- Android Programming
- CS102 - Intro to Big Data, Tools and Techniques

PUBLIC SERVICE
**Interdisciplinary-Exchange of the Americas -Cuba
(http://ideaproject.github.io/#)   March 2015 - present**
- Worked with Cuban college students and professors to develop software in collaboration with Cuban college students. Our goal is to help solve social issues in the island through the use of technology.
- Partnered with Stanford's Haas Center for Public Service and non-profit organizations like Bayes Impact and AngelHack.

PROJECTS:
- Heap Allocator:
I implemented the functions free, malloc and realloc. I kept track of free blocks in a hash table divided in three sections: small, medium and large blocks. If no block was free, I coalesced contiguous blocks of memory before extending the heap size.

- Mini-Instagram:
I built a photo-sharing app using Angular, NodeJS and MongoDb. Main functionalities: user registration, login, logout, upload photos, post comments, see users' photos and their details when clicked on one, a log to keep track of users' activities.

- Unagi Task Manager:
I developed this Android app at a full-week boot camp at Twitter HQ. Main functionalities: login with twitter Account using Fabric, sorting tasks by due date or priority. Posting to Twitter when a task is added and posting back again notifying your friends whether you failed or succeeded. Deleting a task is not allowed.

- FindMyCoordinates:
This is an ongoing summer project. It allows the user to know her location (latitude and longitude), weather, address, and places of interest around her. I have used Google Play Services, Yelp and OpenWeatherMap APIs.

Blood Donor: Donated blood for American Red Cross and Stanford Blood Center.   **2011-present**

Instructor at SUN program, Gresham Elementary School: Taught classes for low-income Latino immigrants/ GED students, including Spanish literacy, basic computing   **2011-2013**