CHARLES TOLENTINO

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EXPERIENCE

COMPUTER ENGINEERING INTERN   SFSU ICE Lab

June 2017 - August 2017   San Francisco, California

- Collaborated in developing a gesture recognition application with **Android Studio** that utilizes data from a **Myo-Armband**
- Implemented save data methods with **Java** to store electromyography data in the android's internal storage
- Fixed activity lifecycle issue to allow app to run in background and collaborated in implementing new application features
- Best Diversity Paper Award (Coauthor) at the American Society for Engineering Education Zone IV Conference

MESA STUDENT ASSISTANT   MESA Skyline College

February 2017 - May 2017   San Bruno, California

- Assisted students with STEM courses (**C++**, **Java**, math, physics) and planning out semester courses
- Promoted a welcoming, friendly, and enjoyable, learning environment for students, staff, and visitors

STUDENT INTERN   Design Rehab

January 2012 - May 2013   San Francisco, California

- Mentorship program that introduced branding, graphic design, using **Xcode** for **iOS** development, and UI/UX design

LEADERSHIP

DIRECTOR OF ENGINEERING   HackMerced

May 2018 - Present   Merced, California

- Co-Leading Engineering Department consisting of a Backend, Frontend, and Fullstack team for developing applications
- Meet weekly with team members, assigned tasks on **Github**, and mentored members on utilizing **Git** and **React**
- Collaborated in finalization of placeholder site by merging pull requests and improved page formatting with **HTML/CSS**

EDUCATION

B.S. COMPUTER SCIENCE AND ENGINEERING

University of California, Merced   Graduating May 2019

- Cumulative GPA: 3.0, Major GPA: 3.23

A.S.T. PHYSICS AND MATHEMATICS

College of San Mateo   Graduated May 2017

- Transfer GPA: 3.08, Dean's List: Fall 2016, Spring 2017

SKILLS

Backend: C/C++, Swift, Python, Java

Frontend: HTML/CSS, Javascript, XML

Databases: MongoDB

Version Control: Git

PROJECTS

TIC-TAC-TOE W/ LOG IN SYSTEM

(MongoDB/Express/React/NodeJS)

- Tic-Tac-Toe game made with **React** that's playable upon user logging in
- Game history stored during gameplay to allow players to redo any previous move
- Sign up stores username and password in database with **MongoDB**
- Utilized an open source **MERN** boilerplate as a template for project

ASK THE MAGIC EIGHT BALL

(React)

- A magic ball web app that displays a random answer upon user input
- Pressing enter key enters user input and triggers **CSS** animations

TO-DO PROJECT LIST

(React)

- A simple TO-DO application that lets the user add and delete projects
- User must input project name and select project category to add to list

VOLUNTEERING

HACKMERCED 3.0   Fall 2017

University of California, Merced

- Assisted participants in the hardware lab with hardware rental for event

ENGINEERING CLUB   Fall 2015

College of San Mateo

- Attended club council meetings to acquire updates and club funding