

## **Elden Arellano**

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## **Education**

September 2014 – present: UCSD, Major Computer Engineering, Junior, GPA: 3.2.

Expected Graduation Data: June 2018

Relevant Courses: CSE 100 Advanced Data Structures, CSE 101 Algorithms, CSE 110 Software Engineering, CSE 120 Operating Systems, and CSE 132A Databases.

## **Work Experience**

Currently employed as a tutor for the CS140L Digital Systems Laboratory class taught by Isaac Chu

## ***CS Languages***

Proficient : Java, C, C++, Python, BlueSpec, ARM Assembly, SQL, and HTML

Experience with: Javascript, CSS, bash, Haskell, XML, Matlab, Node.js, and Ruby on Rails

## **CS Projects**

Implemented a copy of the game 2048 in Java in 2015

Scraped data from a couple of websites using python w/beautiful soup + requests

Team for CSE110 that got voted by fellow classmates as best project in entire class out of 20 teams. Created a hub of information for the schedule of classes, ratemyprofessor, and CAPE's in our app planitriton and helped program the UI along with the database.

Created an application that scrapes a user's class schedule, asks for permissions for the users google calendar account and will automatically add the courses for that student's quarter into the student's calendar.

Currently working on Android development to create an app that allows the user to search for a tv show or movies and returns links to a trailer, imdb, and rotten tomatoes.

## **Other Technologies:**

Proficient: PSpice, Linux, Microsoft Word, Microsoft Powerpoint, and Adobe Photoshop.

Experience with: Android Studio, Git, Github, Azure, Microsoft Excel, Microsoft Visual Studio, DirectX, VMWARE, and LATEX