**Elden Arellano**

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**Education**

September 2014 – present: UCSD, Major: Computer Engineering, Senior, GPA: 3.1.

Expected Graduation Data: June 2018

Relevant Courses: CSE 100 Advanced Data Structures, CSE 101 Algorithms, CSE 110 Software Engineering, CSE 120 Operating Systems, CSE 134B Web Client Languages, and CSE 132A Databases.

**Work Experience**

Was employed as a tutor for the CSE140L Digital Systems Laboratory and CSE134B Web Client Languages helping students develop sites using React/ReactRedux class taught by Isaac Chu.

Was employed as a web master assistant as the UCSD Supercomputer Center for caida.org, work with html, css, js, python, perl and bash.(July 2017-December2017)

Currently volunteer web technician for The Leichtag Family Foundation Biomedical Research Building located in the med school of UCSD.

***CS Languages***

Proficient : Javascript(Vanilla,Jquery,React),CSS,Java, C, C++, Python, BlueSpec, SQL, and HTML

Experience with: AngularJS, bash,Bootstrap, XML, Matlab, Node.js, and Ruby on Rails

**CS Projects:** [Github](https://github.com/arellanoelden?tab=overview&from=2018-01-01&to=2018-01-31)

Created a progressive web application to manage a soccer team where there is the coach, player, and parent users. Coaches can edit while players and parents can view. Full CRUD support, uses the firebase database, full offline support. Created in Vanilla JS, currently working on translating to ReactJS as well.

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 planittriton and helped program the UI along with the database.

Have a reactapp that uses Redux to have full crud support for several lists of items, chat, login etc using several components with react-router.

Currently working on a React application with the TA for the class I am tutoring for where we will create a web based downloadable application that the students of the class will use to take their final on.

**Other Technologies:**

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

Experience with: Android Studio, Azure, Excel, Visual Studio, VMWARE, and MySQL