

Edson Almachar

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EDUCATION

University of Nevada, Reno

Bachelor of Science, Computer Science

Minor in Mathematics

May 2014

WORK EXPERIENCE

Software Developer - UNR's Brain Computation Lab

May 2014 - Nov 2014

- Continued senior project: Constructed Reporting and Graphing interface through SVG manipulation using D3.js and data processing using Angular.js
- Constructed backend data streaming service using Flask and WebSockets.py
- Managed project merging of NCR and NCB using Grunt.js

Volunteering

Dec 2014 - Dec 2015

- Volunteering for UNR's Brainlab as a software engineer

Web Developer - RDM Infinity

Dec 2015 - Current

- Programmed handheld barcode scanning and inventory management systems onto iOS using Javascript, HTML, CSS, and jQuery Mobile
- Interfaced with legacy PICK database systems through a central PHP server
- Used AJAX to manage device to server and database communication

PUBLICATIONS

NeoCortical Repository and Reports: Database and Reports for NCS

October 2014

A Repository Service and Graphical Reporting Interface is devised to serve as a front-end means of interaction with a NeoCortical Simulator – SEDE 2014

COMPUTER DEVELOPMENT

Languages: C++/C (Intermediate), Javascript (Intermediate), Python (Basic), PHP (Basic)

Web Technologies: HTML, CSS, jQuery, jQueryUI, and jQuery Mobile, AngularJS and Angular Material, D3, Twitter Bootstrap

Operating Systems: Windows 95 – Windows 10, Linux (Ubuntu)

ATTRIBUTES

- Understanding of computer components, both hardware and software
- Understanding of software architectural systems and unit testing
- Passion for Science and Technology and a curiosity to learn more about Computer Science
- Loves working with a team, or independently, great communication skills