

Edson Almachar

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WORK EXPERIENCE

RDM Infinity - Web Developer 2015 - Current

- Crafted proprietary mobile web applications for companies with warehouse distribution sectors
- Emulated frontend design and backend functionality of handheld barcode scanning equipment and inventory management systems to ensure smooth transition and familiarity
- Programmed Interface protocols with legacy PICK database systems through an intermediary PHP server

Volunteering 2014

- Volunteering for UNR's Brainlab as a software engineer

UNR's Brain Computation Lab - Software Developer 2014

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

COMPUTER DEVELOPMENT

Languages: Javascript (Advanced), C++/C (Intermediate), Python (Basic), PHP (Basic)
Web Technologies: HTML, CSS, AJAX, jQuery, jQueryUI, and jQuery Mobile, AngularJS and Angular Material, SVG and D3js, Twitter Bootstrap, WebGL/ThreeJS

EDUCATION

University of Nevada, Reno
Bachelor of Science, Computer Science 2014
Minor in Mathematics

PUBLICATIONS

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

ATTRIBUTES

- I love math, science, and programming. I love learning something new even more.
- I'm a team worker, like a cog in a machine. Without other programmers to work with and learn from, i'm nothing.
- I like creating web applications and front end interface projects. Check some out on my website.