

# Edson Almachar

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## WORK EXPERIENCE

- RDM Infinity - Web Developer 2015 - Current
- Crafted faster and more readable mobile inventory management interfaces with jQuery mobile for companies with warehouse distribution sectors
  - Emulated frontend design and backend functionality for handheld barcode scanning equipment
  - 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 D3js and data processing through Angularjs
  - Constructed backend data streaming service using Flask and WebSockets
  - Managed project merging of NCR and NCB using Gruntjs

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## COMPUTER DEVELOPMENT

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

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## EDUCATION

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

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## 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

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## 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.