Ezar **Enanda**

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Skills

Programming	Python, JAVA, C#, C++, Ruby, SQL, JavaScript, Verilog
Tools	Linux, Git, Atom.io, MATLAB, Unity3D, Cygwin
Frameworks	Django, Rails, VueJS, Node.js
Design	HTML+CSS, Bootstrap, Photoshop, Balsamiq, InVision

Education

University of California, San Diego — *San Diego, California*

B.S. IN COMPUTER ENGINEERING — *Sep. 2015 - EXP(Spring 2017)*

- Major GPA: 3.4

Mira Costa Community College — *Oceanside, California*

A.A. IN COMPUTER SCIENCE — *Aug. 2012 - May. 2015*

- GPA: 3.82 - Dean's List

Projects and Experiences

TravelDex — *UCSD*

PROGRESSIVE WEB APPLICATION THAT KEEP TRACKS OF USER'S FAVORITE SPOTS IN DIFFERENT CITIES. — *Jan. 2017 - Mar. 2017*

- Implemented on the Firebase platform to simplify user and data management.
- Using VueJS framework to build a progressive single-paged web application that performs like a native application.
- Utilizing client-side technologies to minimize load time and improve overall user experience.

WOWBali International — *Bali, Indonesia*

VOLUNTEER WEB DEVELOPER FOR A NONPROFIT FOUNDATION. — *Jan. 2017 - Current*

- Delivering content with the focus of attracting newer generations.
- Promoting upcomming events through social media.

Demon Compendium — *Personal*

DJANGO WEB APPLICATION TO ASSIST PLAYERS OF THE SHIN MEGAMI TENSEI IV VIDEO GAME. — *Sep. 2016 - WIP*

- Provides user with a searchable database regarding the characters found in game.
- Responsive HTML+CSS design mimicking the actual game UI.

Game Development Studio — *UCSD*

MEMBER OF SMALL ON CAMPUS VIDEO GAME DEVELOPMENT GROUP. — *Sep. 2015 - May. 2016*

- Integration of script and UI assets with the Unity 3D game engine.
- Testing and debugging code to ensure playability of game.

Courseworks

Software Development — *UCSD*

WHOSECHORE - GROUP CHORE MANAGEMENT WEB APPLICATION USING RUBY AND RAILS — *Spring 2016*

- Agile software development group mehodology consisting of ten members.
- Created a rotation system through the use of algorithms and relational tables as the Database and Algorithm specialist.
- Deployed on Heroku with PostgreSQL database.

Digital Circuit Design — *UCSD*

VERILOG PROGRAMMING UTILIZING IP CORES — *Fall 2016*

- Designed a circuit that implemented the Fast Fourier Transform algorithm.
- Optimizing clock cycles by parallelizing computations.
- Use of MATLAB to assist in testing specific circuit components.

Artificial Intelligence Search Algorithms — *UCSD*

SOLVING PROBLEMS AND GAMES WITH SEARCH ALGORITHMS IMPLEMENTATIONS — *Spring 2016*

- Utilized advery search algorithms to implement a mancala bot.
- AC-3 algorithm to solve basic sudoku and its other variants.
- Baye's network theory for AI probability predictions.