

# 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

B.S. IN COMPUTER ENGINEERING

- Major GPA: 3.4

San Diego, California

Sep. 2015 - EXP(Spring 2017)

### Mira Costa Community College

A.A. IN COMPUTER SCIENCE

- GPA: 3.82 - Dean's List

Oceanside, California

Aug. 2012 - May. 2015

## 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 upcoming 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 methodology 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 adverbary search algorithms to implement a mancala bot.
- AC-3 algorithm to solve basic sudoku and its other variants.
- Bayes's network theory for AI probability predictions.