JOHN SENAR

https://github.com/jsenar | http://jsenar.me

EDUCATION

University of California San Diego   **Sept 2013 - Dec 2017**
Computer Science B.S.   GPA: 3.4

WORK EXPERIENCE

Server Engineer Intern (WRKSHP)   **June 2017 - September 2017**
- Developed and maintained Ruby on Rails servers for mobile massively multiplayer online games
- Improved Ruby on Rails support website to allow admins to provide helpful services to users
- Helped polish and prepare the game Beat Fever for its initial launch in late July 2017
- Wrote and tested code to optimize server performance for the game Battle Camp

Web Developer Intern (ZitoVault)   **May 2016 - October 2016**
- Developed frontend for web and hybrid mobile app demo using AngularJS and Ionic Framework
- Wrote Python background processes to maintain database and improved Django API functions
- Integrated threat intelligence information in our security solution with Python API
- Created PHP web page to dynamically display data from MySQL database

Mobile Web Developer Intern (launchbox)   **November 2015 – January 2016**
- Developed mobile web application prototype with PHP
- Designed and implemented user-driven templates, databases and interfaces with MySQL
- Configured Apache server to run application prototype

PROJECTS

A.I.bum (formerly Smart Album) (node.js)   **January 2017 - March 2017**
- Used AJAX to call Microsoft Cognitive Services API's to tag photos based on content and face ID
- Implemented filter system to enable users to search for photos based on input tags
- Developed backend storage and NoSQL database with Firebase to store uploaded photos with tags

Alpha Phi Omega Website - aporhopi.org (Ruby on Rails)   **June 2016 – May 2017**
- Website maintenance and feature additions for community service organization's website at UCSD
- Implemented improvements for tracking user attendance at events
- Improved the user interface for the event calendar for mobile devices

Self Checkout (Android) (Hackathon project)   **October 2015**
- Android app to scan product barcodes and purchase them with Android Pay Beta

Relevant Coursework:
Database System Principles, Computer Organization and Systems Programming, Basic Data Structures and Object-Oriented Design, Software Engineering, Introduction to Artificial Intelligence: Search and Reasoning, Advanced Data Structures, Interaction Design, Operating Systems

SKILLS

Languages: Java, Python, Ruby, JavaScript, HTML, CSS, PHP, C, C++, SQL
Other: Rails, Django, Node.js, AngularJS, Bootstrap, Django, Android