

JOHN SENAR

<https://github.com/jsenar> | <http://jsenar.github.io>

EDUCATION

University of California San Diego
Computer Science B.S.

2013 - 2017
GPA: 3.38

EXPERIENCE

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

Alpha Phi Omega Website - [aporhopi.club](#) (Ruby on Rails)

June 2016 - Present

- Help maintain website for community service student organization with over 100 active members
- Improved user attendance feature by adding option to mark users who are late to service events
- Users marked late to a service event receive half of the credit possible for attending

Autodue (Android)

October 2015 - December 2015

- Allows users to create tasks in a to-do list with a due-date, estimated duration, and a priority
- Automatically sorts tasks in the to-do list based on the due-date and priority
- Adds these tasks to the user's device calendar, avoiding collisions with existing events

Self Checkout (Android)

October 2015

- Created an Android app within 36 hours in a team of 4 at a hackathon
- Utilizes Google's Mobile Vision API to scan product barcodes to save items in virtual cart
- Purchases items with Android Pay, sending secure token to node.js server to query Stripe

Relevant Courses:

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

SKILLS

Languages

Fluent: Java, Python, JavaScript

Proficient: C++, HTML, PHP, CSS, Ruby

Familiar: SQL, C, System Verilog

Other

AngularJS, Ionic, Django, Rails,

Git, Unix/Linux, Android,

Bootstrap, Photoshop