# JOHN SENAR

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

## EDUCATION

**University of California San Diego**                                      **Sept 2013 - Dec 2017**
Computer Science B.S.                                                                 GPA: 3.40

## 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 | Other |
|---|---|
| Fluent: Java, Python, JavaScript | AngularJS, Ionic, Django, Rails, |
| Proficient: C++, HTML, PHP, CSS, Ruby | Git, Unix/Linux, Android, |
| Familiar: SQL, C, System Verilog | Bootstrap, Photoshop |