

# JOHN SENAR

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

## EDUCATION

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University of California San Diego  
Computer Science B.S.

Sept 2013 - Dec 2017

GPA: 3.40

## EXPERIENCE

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### 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

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### 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 - Present

- Help maintain website for community service student organization with over 100 active members
- Improved user attendance feature by adding option to record users who are late to service events
- Created a mobile view for our events calendar with the FullCalendar jQuery plugin

### Self Checkout (Android)

October 2015

- Created an Android app within 36 hours in a team of 4 at a hackathon
- Implemented Google's Mobile Vision API to scan product barcodes to save items in virtual cart
- Utilized Android Pay Beta to purchase, 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

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### Languages

Fluent: Java, Python, JavaScript

Proficient: C, HTML, PHP, CSS, Ruby

Familiar: SQL, C++

### Other

AngularJS, Ionic, Django, Rails,

Git, Unix/Linux, Android, node.js

Bootstrap, Photoshop