

# JOHN SENAR

San Francisco, CA | [JLSenar@gmail.com](mailto:JLSenar@gmail.com) | <https://github.com/jsenar> | <http://jsenar.me>

## EDUCATION

**University of California San Diego**  
Computer Science B.S.

**Sept 2013 - Dec 2017**

GPA: 3.43

## EXPERIENCE

### Game Server Intern ([WRKSHP](#))

**June 2017 - Present**

- Develop and maintain Ruby on Rails servers for mobile massively multiplayer online games
- Improved game support tool 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

## 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](http://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, 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

Fluent: Java, Python, JavaScript, Ruby

Proficient: C, HTML, PHP, CSS

Familiar: SQL, C++

### Other

AngularJS, Ionic, Django, Rails,

Git, Unix/Linux, Android, node.js

Bootstrap, Photoshop