

# Sean Davis

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## EDUCATION

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**Indiana University**, Bloomington, IN  
Bachelor of Science in Informatics  
Minor: Security  
Major GPA: 3.16/4.00

May 2017

## SKILLS

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**Languages:** Python, JavaScript, HTML, CSS, Swift, C++, PHP, Racket

**Databases:** MySQL

**Web Frameworks:** Bootstrap, Django

**Platforms:** Mac OS, Microsoft Windows, UNIX

## PROJECTS

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**Personal Website (*HTML, CSS, JavaScript*):** A website I made while I've been teaching myself JavaScript that has a few small projects completed so far. Link: <https://seajdavi.github.io>

**iOS Application (*Swift, PHP, MySQL*):** Spent two semesters planning and developing an iOS app to manage a shared-living experience for roommates. Multiple users can create a single "house" together, allowing everyone in that "house" to have access to shared grocery lists, chore lists, a group chat, and more.

**Song Guessing Game (*Python*):** A basic game that picks a random song from my iTunes library, replaces the letters of the song with underscores, and lets the user make 1 letter guesses to the title, replacing the underscores with the correct letters when guessed, similar to hangman.

**Typing Speed Test (*Python*):** Has the user type as much of the given text as they can in one minute and then presents the user with their words per minute score.

**ISS Location (*Python/JavaScript*):** Gets the current latitude and longitude of the International Space Station and then displays its position on a world map.

**Database Management (*MySQL*):** Created a database for a fictional music festival and pulled out relevant information using SQL select statements.

**Data Analysis (*Python*):** Worked with a dataset of one user's tweets over the span of 16 months to determine and visualize trends of that user in the given timeframe.

**Web Scrapping (*Python/JavaScript*):** Created programs to display the weather of your current location and to show the stock prices of specified companies.

**Music Website (*Django*):** Allows a user to upload songs from their personal library. Songs are grouped into albums and can be played and deleted.

**Forum Website (*Django*):** Users can create an account and make posts to a main page. A post can only be deleted by its creator.