

Sean Davis

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EDUCATION

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

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SKILLS

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

Databases: MySQL

Web Frameworks: Bootstrap, Django

Platforms: Mac OS, Microsoft Windows, UNIX

PROJECTS

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.

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.

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.

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

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.

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.