

Seth Fagen

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GitHub: <https://github.com/seth174>

Education

DePauw University, Greencastle, IN

May 2022

Bachelor of Arts (Overall G.P.A. 3.89/4.00)

Computer Science Major (Major GPA 3.94/4.00) and Hispanic Studies Major (Major GPA 4.00/4.00)

Selected Courses Completed and In-Progress:

- Mobile Development (Android), Theory of Computation, Web Programming and Cybersecurity, Database Systems, Object Oriented Programming, Graphics, Data Structures, Foundations of Computation, Computer Systems, Discrete Mathematics, Physics I, Calculus I, Intro Statistics

Academic Achievements:

- Dean's List (GPA 3.5+/4.0): Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021
- Tiger Pride Honor Roll (Student athlete GPA 3.4+/4.0): Fall 2018, Fall 2019, Fall 2020

Technical Skills

- Proficient in Java, SQL, Python, Ruby, XML, HTML, and CSS
- Operating System, Environments, and libraries: Mac OS, Windows OS, Visual Studio Code, Android Studio, PyCharm, IntelliJ, Ruby on Rails, JavaFX, PyGame, NumPy, and Derby Database
- Spoken Languages: English (Native Language) and Spanish (Fluent)

Professional Experience

Computer Science 1 Tutor, *DePauw University, Greencastle, IN*

August 2020-Present

- Assist beginner students using BlueJ with coding projects in a lab setting
- Used Zoom to virtually help teach students how to code

Software Engineer Intern, *Level Data, Kalamazoo, MI*

April 2021-August 2021

- Integrated different school districts applications to assist with K-12 Education data management
- Worked with databases, APIs, plugins, different applications import/export functionality, CSV files, SFTPs, servers, and backend code to trouble shoot and send data to different applications
- Worked on a team and used communication skills to communicate with software engineers, other interns, and clients to facilitate work and create a great client experience

Projects

HelpDesk Software/Ticketing System

- Java helpdesk software that supports ticket submitting functionality with JavaFX as the frontend, and object-oriented development concepts to implement functionality and a locally hosted Derby server database

Movie Review Website

- A ruby on Rails application deployed to Heroku that uses the bcrypt gem for password hashing, a relational database, and a sessions hash to allow login functionality

Extra-Curricular Activities and Leadership Experience

Spanish Tutor, *DePauw University, Greencastle, IN*

August 2021-Present

- Assist Spanish students of all levels with schoolwork to improve their language ability

NCAA Division III Men's Swimming and Diving, Co-Captain

June 2021- February 2022

- Lead the swim team to a successful season, both in the water and in the classroom

Delta Upsilon Fraternity, House Judicial Board

June 2020 - Present

- Internal review board for members of the house to settle disputes and find solutions