Andrew Dylan Lanham

Computer Science Student

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Objective

Seeking a software engineering position where I can push myself and broaden my technical skill set.

Education

Bachelor of Science in Computer Science

Purdue University (Main Campus)

📅 2019 - 2023 (expected)   📍 West Lafayette, IN

Current GPA: 3.7 / 4.0   Dean's List (5/7 semesters)

Skills

JavaScript, HTML5, CSS
Java, C, C++, C#
Python, Django, Flask
Git, GitHub, Git Bash
SQL, SQLite, mongoDB
React, Firebase, Node.js

Relevant Courses

Object-Oriented Programming	Computer Architecture
Discrete Mathematics	Data Structures and Algorithms
Programming in C	Systems Programming
Analysis of Algorithms	Operating Systems
Software Engineering	Statistics
Software Testing	Cryptography

Experience / Projects

Empathic Design Project

University of Louisville

📅 June 2022 - August 2022   📍 Louisville, KY

- Performed data collection and analysis regarding pedestrian stress levels in downtown Louisville.
- Utilized kepler.gl, an open-source analysis tool for geospatial data, to identify high-stress areas based on the data collected.
- Pitched urban design solutions to Louisville Metro Government.

Scholasticate (Web Application)

- Built a web application that allows students to connect with class members by forming study groups.
- Development included several tools such as JavaScript, HTML5, CSS, SQLite, Flask, and Python.
- Utilized the Scrum framework on a team with five other programmers.

Leftovers (Web Application)

- Built a web application that allows users to review restaurants, get recommendations for places to eat, and form groups with their friends.
- Utilized the React library for the frontend and Firebase for the backend.
- Contributed to both frontend and backend development of the application.

🌐 andrewdlanham.github.io   github.com/andrewdlanham   linkedin.com/in/andrewdlanham