

# Andrew Dylan Lanham

Software Developer

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## Objective

Seeking a software engineering position where I can push myself while broadening my technical skill set.

## Education

### **Bachelor of Science in Computer Science**

Purdue University (Main Campus)

📅 2019 - 2023

📍 West Lafayette, IN

GPA: 3.7 / 4.0

Dean's List (6/8 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

Discrete Mathematics

Programming in C

Analysis of Algorithms

Software Engineering

Software Testing

Computer Architecture

Data Structures and Algorithms

Systems Programming

Operating Systems

Statistics

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.



andrewdylanham.github.io



github.com/andrewdylanham



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