

Hunter G. Wigal

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Seeking a **SOFTWARE DEVELOPER** position.

Languages: Java, Typescript, C, Python

Education

West Virginia University, Morgantown, WV

May 2024

Bachelor of Science in Computer Science

GPA: 3.61

Honors Foundations Scholar

Relevant Courses

File and Data Structures | Database Design and Theory | Operating Systems Structure |
Computer System Concepts | Compiler Construction

Project Experience

Database Design and Theory

Spring 2024

Design and Implementation of a Django web application utilizing MySQL

- Collaborated in a team to design and write an application that utilizes a MySQL database
- Designed diagrams to represent the planned database, such as an Entity-Relationship model and a Relational Model
- Implemented the designed application utilizing Django to create both the front and back end and MySQL to manage the database

Sophie's Sweets Business Website

Summer 2023

Design and Implementation of sophiessweetswv.com

- Designed and implemented a web application with Google Firebase for use as a business website
- Utilized Google's Cloud Firestore and EmailJS to create an interface for users to place orders
- Utilized Google Firebase Authentication to create an administrator account for viewing placed orders
- Provided a custom interface design with a combination of Bootstrap and CSS

File and Data Structures

Fall 2022

Design and Implementation of Database Components in Java

- Implemented drivers, different table styles, and a console written in Java
- Utilized hashes in different parts of table design such as keys
- Managed reading and writing from JSON and XML files to create persistent tables
- Designed SQL style commands with regular expressions that parse input from the console

Technical Skills: Angular, Github, Google Firebase, Linux