

# 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

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

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

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

**Technical Skills:** Angular, Github, Google Firebase, Linux