

Billy Chapler

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EDUCATION

University of Pittsburgh

Bachelor of Science in Computer Science, Minor in Economics

Pittsburgh, PA

Aug. 2020 – May 2024

EXPERIENCE

Software Engineering Intern

Crown Castle

June 2023 – Present

Canonsburg, PA

- Contributed to the development of an application automating structural analyses for cell towers using .NET framework, C#, Oracle Database, SQL, and Azure
- Currently spearheading the implementation of an automated regression testing process for the application, ensuring robust reliability and coverage
- Working on a small team that prioritizes communication, teamwork, and organization

Software Engineer (Contract)

Hudson Valley Cabinet

May 2022 – Aug. 2022

Orangeburg, NY

- Designed and built a logistics management system using Python and Flutter to optimize deliveries and increase efficiency
- Determined personnel for delivery based on shipment size, time constraints, and schedules
- Excelled in communication with drivers, cabinet distribution centers, and customers, ensuring timely and efficient operations

PROJECTS

Ophelia | *Java Spring Boot, REST API, Flutter, Git*

Fall 2022

- Designed and built an android app that generates optimized schedules based on your calendar, improving the way you plan and prioritize your workload
- As part of a small team, I played a key role in developing the back-end and contributed to all aspects of the project

Pi Dash | *Python, Linux, REST API, Git*

Fall 2021

- Designed and built a Raspberry Pi-based dash cam system that allows remote control using a smartphone via Bluetooth
- Contains fully automated file and storage management that prioritizes reliability

TECHNICAL SKILLS

Languages: C#, Java, Python, SQL (MSSQL), Dart

Frameworks: .NET, Flutter, JUnit, Selenium

Developer Tools: Git, Azure, Oracle, Docker, Maven, VS Code, REST API, Visual Studio

Libraries: pandas, NumPy, Matplotlib