

# ELLIOTT PHILLIPS

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## SKILLS

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<b>Languages</b>	C#, Typescript, Go, Swift, Kotlin, Python, MSSQL, HTML, CSS
<b>Frameworks</b>	ASP.NET Core, Angular, SwiftUI, Jetpack Compose, .NET MAUI, Blazor
<b>Tools</b>	Git, Github, Azure, Heroku, Linux, XCode, Android Studio

## EDUCATION

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**Bachelor of Science in Information Technology**, University of Cincinnati 2025  
*Courses: C# Development, Database Management, System Administration, Network Infrastructure, Information Security, UX Design, System Analysis & Design, Mobile Development, Enterprise Development, Web Server Development, IT Management*

## EXPERIENCE

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**Software Engineer Intern** Aug 2023 - Dec 2023  
Cincinnati Children's Hospital Cincinnati, OH

- Collaborated within a cross-functional agile team to make significant contributions to a provider-centric data analytics dashboard, ensuring rapid adaptation to evolving requirements while maintaining a focus on continuous improvement and client feedback.
- Contributed to the development, maintenance, and continuous improvement of the dashboard web application, built in TypeScript with Angular, C# with ASP.NET, and MSSQL.
- This dashboard is used by division leaders to analyze the data of hundreds of providers, enabling Cincinnati Children's Hospital to leverage data-driven insights and optimize process efficiency.

**Software Engineer Intern** Jan 2023 - May 2023  
Emerson Climate Technologies Sidney, OH

- Developed an IOS/Android app feature in Kotlin with Jetpack Compose and Swift with SwiftUI that utilizes OCR technology through Azure's Computer Vision API to allow users to take a picture of a compressor label to identify counterfeits.
- Developed an API in Flask and Python that extracts key information from Invoice PDF's through Regular Expression Patterns, and uses that to identify counterfeits and verify warranty information.
- Developed an API in Flask and Python that allows end users to search for text in a group of PDF's stored on an Azure server. Utilized multithreading to search for the text in each pdf at the same time.

## PROJECTS

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**UCReviews** Sept 2022 - Dec 2022  
Angular, Typescript, ASP.NET Core, C#, MSSQL, xUnit

- Developed a full-stack web application using Angular, Typescript, C#, ASP.NET Core, and MSSQL to facilitate student ratings and reviews of University of Cincinnati dorms, with over 140 registered users.
- Implemented secure authentication, using hashed and salted randomly generated passwords and JSON Web Tokens.
- Designed and Developed a database in 4th normal form to eliminate data redundancy.
- Designed and developed an intuitive user interface using Angular and Typescript for seamless user experience.
- Deployed the web app on Heroku, with the database running on a ClearDB instance.

**EcoBinary** May 2022 - Aug 2022  
Kotlin, Jetpack Compose, Swift, SwiftUI, Go

- Lets the user execute bash commands on their computer remotely from their phone.
- Native IOS/Android app written in Kotlin with Jetpack Compose and Swift with SwiftUI.
- User specifies a private IP address and port number to send the commands to.
- The Go API executes the bash commands using the os/exec library and returns the results to the mobile app to be displayed.