Andrew Collins

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EDUCATION

Indiana University Southeast   August 2022 – May 2025
Bachelor of Science in Computer Science; Minor in Mathematics   *New Albany, IN*
- Cumulative GPA: 3.99/4.0
- Relevant Coursework: Software Engineering, Programming Languages, Data Structures, Analysis of Algorithms

EXPERIENCE

Software Developer Co-op   June 2025 – Present
United Parcel Service (UPS)   *Louisville, KY*

Contributing to full-stack development with Ionic, .NET, and Couchbase, supporting feature delivery and internal tools. Currently collaborating on an OCR proof-of-concept and a hackathon project focused on AI-driven voice interfaces for logistics.

OPT Software Intern   Summer 2023 and Summer 2024
United Parcel Service (UPS)   *Louisville, KY*

Developed key app features in C# and .NET as part of the development team. Awarded first place locally and second place internationally in the company hackathon.

Software Developer   July 2019 – August 2022
Foundation Technologies   *Jeffersonville, IN*

Started as a part-time Server Monitor, subsequently advancing to role of part-time Web Developer. Contributed to development of interactive educational applications using Angular.

SKILLS

Languages: C#, Java, Rust, Go, Python, HTML, SCSS, JavaScript, TypeScript, SQL, C++, NASM Assembly, Kotlin
Frameworks: Angular (CLI), Bootstrap, NodeJS, .NET, Xamarin, React, ElectronJS
Software: Firebase, AWS, Couchbase, Dia, LucidChart, MySQL Workbench, VirtualBox, SQL Server
Systems: MacOS, Windows, Linux

PROJECTS

CopyType —— *ElectronJS, TypeScript, HTML, SCSS*   April 2021 – May 2023
GitHub.com/ProfXwing/copytype

- Developed an open-source ElectronJS desktop app for typing eBooks, supporting ePub, Mobi, and TXT formats.
- Implemented typing statistics and customizable user settings.

CodeCowboy —— *Go, Templ, SQLite, Bash*   August 2024 – May 2025
GitHub.com/IUS-CS/CodeCowboy

- Led a team to develop a Go web app automating CS grading and test execution.
- Built backend services to securely execute student code against private unit tests.

PhantomShell —— *Rust*   January 2025 – May 2025
GitHub.com/andjcoll/PhantomShell

- Created a bash-like shell in Rust, simulating a virtual file system with core file commands.
- Designed custom disk formatting and parsing to mimic file system behavior.

ACTIVITIES

Computer Science Group Member —— *Indiana University Southeast*   August 2022 – May 2025
Attended workshops and events focused on computer security and emerging tech.

Audio/Video Assistant —— *Floyds Knobs Baptist Church*   June 2025 – Present
Operate and manage audio and video equipment during church services.