

Andrew Collins

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EDUCATION

Indiana University Southeast

Aug. 2022 – May 2025

Bachelor of Science in Computer Science; Minor in Mathematics

New Albany, IN

- Cumulative GPA: 3.99/4.0
- Relevant Coursework: Programming Languages, Software Engineering, Data Structures, Analysis of Algorithms

EXPERIENCE

OPT Software Intern

Summer 2023 and Summer 2024

United Parcel Service (UPS)

Louisville, KY

Demonstrated app and back-end development expertise in C# and .NET through active collaboration with the development team to create key app features. Received recognition for outstanding performance, securing first place locally in an annual hackathon and second place internationally.

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

Copy Type — *ElectronJS, TypeScript, HTML, SCSS*

April 2021 – May 2023

[GitHub.com/ProfXwing/copytype](https://github.com/ProfXwing/copytype)

- Engineered an open-source desktop application for typing eBooks, utilizing ElectronJS.
- Developed software for parsing file uploads of ePub, MOBI, and TXT eBook formats.
- Computed and stored typing statistics leveraging JSON.
- Incorporated numerous settings to enhance app customizability.

Slidey — *MongoDB, HTML, SCSS, TypeScript*

March 2023 – April 2023

[GitHub.com/ProfXwing/slidey](https://github.com/ProfXwing/slidey)

- Constructed an open-source website for local churches.
- Developed a system to save Google Slides in a specific song format, enabling efficient storage and retrieval through a searchable song database, leveraging MongoDB for user authorization and data storage.
- Implemented functionality to generate Bible passage slides using various open-source translations.

Karabiner Colemak — *Python, HTML, CSS, JavaScript*

September 2022

[GitHub.com/ProfXwing/karabiner-colemak](https://github.com/ProfXwing/karabiner-colemak)

- Engineered open-source Python scripts to produce configurations for Karabiner Elements.
- Programmed generation of numerous alternate keyboard layout configurations.
- Constructed a minimalist website for easy script installation.

ACTIVITIES

Audio/Video Assistant — *Elevate Life Church*

September 2019 – May 2024

Manages slides and assists with audio and video streams as a consistent volunteer in church's audio video booth.

Student Ambassador — *Prosser Career Education Center*

August 2021 – June 2022

Showcased leadership skills by guiding campus tours for prospective students as a student ambassador.

Principal's Cabinet Member — *Prosser Career Education Center*

August 2021 – June 2022

Demonstrated trustworthiness by providing valuable insights into student life.