

# Carter Prince

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## Work Experience

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### **Carroll Daniel Construction, Risk Management Intern**

*May 2024 – August 2024*

- Developed automation solutions using Power Automate and Office Scripts that saved 300+ hours of manual work annually, streamlining Risk Management processes
- Solutions continually generate an estimated \$7,000 in yearly value, demonstrating long-term impact
- Collaborated with team members to identify and solve real-world business problems with tailored automation solutions

## Skills and Technologies

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- **Python** – pandas, plotly, NumPy, Selenium, Beautiful Soup, requests, PIL/Pillow, Pytorch
- **Java** – JavaFX, GSON
- **R** – ggplot2, plotly, dplyr
- **C, C++**
- **JavaScript, TypeScript**
- **Web:** HTML, JavaScript, CSS, Hugo, React
- **Operating Systems:** GNU/Linux (Ubuntu, Debian, Arch), Windows, macOS
- **Version Control:** Git, GitHub, TortoiseGit
- **Shells:** Bash, Zsh
- **Misc:** Power Automate, Office Scripts

## Education

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### **B.S. in Computer Science, University of Georgia**

*August 2022 – Ongoing*

- Relevant coursework:
  - [Algorithms](#)
  - [Data Structures](#)
  - [Software Engineering](#)

- [Systems Programming](#)
- [Computer Networks](#)
- [Foundations of Informatics](#)

## Projects

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### [spy](#) *October 2023*

- Generates an interactive plot showing how S&P 500 stocks have moved over the last 6 months.
- Written in Python, uses the `pandas`, `plotly`, and `yfinance` libraries.

### [blogspot](#) *September 2024*

- Compiles a Blogger blog into a standalone HTML file and a PDF.

### [pdf2txt](#) *April 2023*

- A program that converts a PDF file to plaintext using the Poppler library.
- Written in C with multithreading, intended as a fast drop-in replacement for the Python version called `pdftotext`.

### [PasswordGenerator](#) *July 2023*

- A command-line password generator written in C#.
- Generates passwords based on 10,000 English words to aid in memorization.

### [schedule](#) *January 2024*

- A fast routine timer written in C; made to be minimal on system resources.
- Prints the time remaining until the next event, specified in a config file.

### [disney](#) *August 2023*

- A Python program to send a notification when a reservation is available at Disney World for a given set of restaurants.
- I created this to help my parents plan their Disney trip.