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| **Clifford Y. Davis IV (Chip)** | Chicago, IL  m: 901.834.4495  chip@chipdavis.dev  [LinkedIn](https://www.linkedin.com/in/chip--davis/) | [Website](https://chipdavis.dev/) | [GitHub](https://github.com/chip-davis) | [Upwork](https://www.upwork.com/freelancers/~01159c49a982f43119/) |  |

**Professional Summary**



*Dedicated professional with expertise spanning software development, programming, project management, and cross-functional team collaboration*

Proven talent for aligning business strategy and objectives with established technology and operations management paradigms to drive innovation and continuous improvement. Results-focused team member with the ability to produce clean, high-quality code, develop software solutions directly aligned with business and client needs, ensure compliance with cybersecurity requirements, and efficiently learn and apply new skills and programming languages. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills. Strong educational credentials, including a Bachelor of Science in Computer Science.

Core Competencies

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| * Software Engineering * Process Automation * Team Collaboration | * Project Management * Artificial Intelligence (AI) * Troubleshooting | * Programming * Cybersecurity * Python/Java |

**Professional Experience**

Crowe LLP, Chicago, IL, June 2022 to Present  
**FINANCIAL SERVICES INTERNAL AUDIT STAFF**

* Leverage strong interpersonal and communication skills to build positive relationships with clients while reviewing and verifying the adequacy of cybersecurity standards.
* Coordinate and conduct in-depth cybersecurity audits to ensure the presence of proper controls and risk assessments, directly contributing to enhanced protection for clients and client customers.
* Improve engagement efficiency by assisting with software and script writing for penetration testing.
* Demonstrate strong knowledge of current and emerging technology and cybersecurity trends.
* Foster and maintain collaborative working relationships with colleagues and leadership teams.
* Participate in trainings and professional development to continuously improve skills.
* Draft and prepare detailed reports and documentation for leadership and compliance purposes.
* Identify, troubleshoot, and resolve complex issues in a timely, effective, and professional manner.
* Adhere to all internal and external regulations, protocols, standards, and best practices.
* Influence client decision-making by communicating both data-driven and technical insights.

Upwork, Chicago, IL (Remote), Feb 2021 to June 2022  
**FREELANCE SOFTWARE ENGINEER**

* Spearheaded the completion of several software development projects for various clients, including automation, web scraping, optical character recognition, and other projects using Python.
* Developed a Twitter bot using Tweepy and integrated the bot on a Google Cloud VM instance, including enabling the bot to monitor incoming tweets from NBA players, automatically retweet posts meeting keywork criteria related to NBA Topshot, and function between specified hours using a cron job.
* Performed OCR on client book PDFs and cleaned and sorted data using Regex to support a future trick for a magic trick business; organized data by word, line, and page in a JSON file.
* Worked with a psychologist’s team to develop an application to export study data to enable creation of an Excel-derived PDF report; enabled flexibility, utilization of various formats, and a graphic user interface; developed the solution in Python using Pandas and GUI using DearPyGUI.
* Headed an XML restructuring project for a client focused on manipulating XML trees.
* Led a stock market index scraping project for a key client with a list of 20-25 stock market indices, including enabling the application to scrape Wikipedia and other websites to gather components of each index; utilized Python, Requests, and BeautifulSoup4.

DePaul Summer 2021 Research Grant, Chicago, IL, Summer 2021  
**RESEARCHER – TWEET N’ SOUR**

* Achieved a research grant valued at $10,500 and collaborated with three fellow students to spearhead an innovative project focused on bridging the gap between AI and UX.
* Charted the successful development of a Twitter bot using AI and sentiment analysis to evaluate tweet replies and provide users with tweet information.
* Maintained a strong focus on helping users understand community responses by overcoming a perceived negative bias in the Twitter algorithm.

Who’z The Boss Music Library, Chicago, IL, July 2021 to Aug 2021  
**SUMMER CODING INTERN**

* Oversaw the automation of the entire library registration and upload process using Python 3 and Pandas.
* Succeeded in migrating and transforming metadata to fit required shapes.

**Education and Credentials**

Bachelor of Science (B.Sc.) in Computer Science (GPA: 3.66), June 2022

*DePaul University, College of Computing and Digital Media, Chicago, IL, USA*

**Awards and Honors**

* DePaul Scholars Scholarship ($72K), Sept 2018 to June 2022

**Additional Information**

**Technical Proficiencies:** Microsoft Word, Windows, Linux, Docker, Self-Hosted Apps, VSCode, Python, Java, C, Git/Version Control, SQL/Relational Databases, Rust, JavaScript, React, Node, Functional Programming Languages (Scala), HTTP, CSS, Internet Protocols, Object Oriented Programming, Data Structures

**Interests:** Reading, Legos, videogames, hiking, animals, animation, programming, development