

# Braxton Conley

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## SUMMARY

Developer with hands-on experience developing a wide variety of different projects in various stacks and tools. Led the development of two professional projects creating tools to maximize efficiency of progress. Experience in Agile working with project life cycle from startup to deployment collaborating on small and large teams.

## EDUCATION

**Indiana University**, May 2025 – Bachelor of Science in Computer Science

GPA: **4.0**

- Honors Program | Chancellor's List | Dean's List
- Undergraduate Researcher | Computer Science Club

## Academic/Extracurricular Projects

### UNDERGRADUATE DATA SCIENCE RESEARCHER

August 2024 - Present

The Data Mine, Purdue University, West Lafayette, IN

- Partnering with Evonik Industries to develop a chemical resistance matrix application for cross-referencing material compatibility using following the **Agile** development cycle and **System Design** principles.
- Created **Python** programs to efficiently and accurately **web scrape** thousands of data points from various web sources using **BeautifulSoup** and **Selenium** in **Python** for the project.

### UNDERGRADUATE PROGRAMMING RESEARCHER

August 2021 - August 2024

- Led the design and development of several VR educational games using **Unity** and **C#**, enhancing the engagement and interactive learning experiences of students.
- Managed optimization and performance while ensuring **seamless deployment** across local schools.

### CSCI-C 400 | CLIENT-SERVER PROGRAMMING FOR THE WEB

- Designed and developed a Kelly Blue Book clone with database management, utilizing the **MAMP** stack for efficient data handling and seamless user experience.
- Ensured software quality with **linting** and utilized automated testing with **GitHub Actions**.

### CSCI-C 308 | SYSTEM ANALYSIS AND DESIGN

- Collaborated with 4 peers to recreate the Indiana University Student Center web page using **HTML**, **CSS**, and **JavaScript**.
- Developed following **Agile** methodology for iterative development and teamwork.

## TECHNICAL SKILLS

- Programming Languages: **Java**, **Python**, **R**, **C#**
- Web Development: **PHP**, **HTML**, **CSS**, **JavaScript**
- Libraries/Frameworks: **React**, **Nodejs**, **Bootstrap**
- Database Management: **MySQL**, **MongoDB**
- Additional Skills: **GitHub**, **Object Oriented Programming/Design**, **Software Analysis and Design**, **Full Stack Web Development**, **Agile**

## EMPLOYMENT HISTORY

**Maintenance Director, Bibbs Hauling**, Indianapolis, IN

March 2022 - Present

- Managed fleet maintenance and operations, demonstrating strong problem-solving and project management skills.
- Led a successful project to develop a new unit, showcasing ability to oversee complex tasks and meet deadlines.
- Utilized diagnostic software and maintained inventory, reflecting proficiency in data management and analytical skills.

**Line Cook, Lake Max Beach Bar**, Culver, IN

May 2021 - September 2022

- Contributed to menu development and operational improvements, illustrating creativity and process optimization.
- Coordinated and set up workstations, highlighting organizational and time-management abilities.
- Proposed and implemented new kitchen procedures, demonstrating initiative and effective communication.

**Chef, Lucrezia Trattoria**, Culver, IN

August 2018 - October 2020

- Prepared a high volume of meals, showcasing attention to detail and efficiency.
- Assisted in menu creation and adapted stations, reflecting adaptability and team collaboration.
- Trained staff and maintained service standards, demonstrating leadership and communication skills.