Braxton Conley

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SUMMARY

Ambitious Computer Science student with experience in data science, web development, and VR game design. Skilled in web scraping, application development, and using Agile methodologies. Experience in collaboration on project development and delivering innovative solutions with a solid technical foundation.

EDUCATION

Indiana University, May 2025 – Bachelor of Science in Computer Science   GPA: **4.0**
- Honors Program | Chancellor's List | Dean's List
- Programming Research Team | Computer Science Club

Academic/Extracurricular Projects

UNDERGRADUATE DATA SCIENCE RESEARCHER   August 2024 - Present
The Data Mine, Purdue University, West Lafayette, IN
- Collaborating with Evonik Industries on the development of a chemical resistance matrix application for cross-referencing material compatibility.
- Created programs to efficiently and accurately scrape thousands of data points from various web sources using BeautifulSoup and Selenium for the project.

UNDERGRADUATE PROGRAMMING RESEARCHER   August 2021 - Present
- Contributed to the development of VR educational games for elementary schools using Unity and C#, enhancing interactive learning experiences.

CSCI-C 400 | CLIENT-SERVER PROGRAMMING FOR THE WEB
- Designed and developed a Kelly Blue Book clone with robust database management, utilizing the MAMP stack for efficient data handling and seamless user experience.

CSCI-C 308 | SYSTEM ANALYSIS AND DESIGN
- Collaborated with 4 peers to recreate the IUK Student Center webpage, following Agile methodology for iterative development and teamwork.

TECHNICAL SKILLS

- Programming Languages: Java, Python, R
- Web Development: PHP, HTML, CSS, JavaScript
- Database Management: MySQL
- Operating Systems: Windows, Mac
- Additional Skills: 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.