**Philip Bierley**

Highland Heights, KY 41076

606-748-4085 | P.bierley@yahoo.com

**Objective:** Enthusiastic Computer Science and Applied Software Engineering undergraduate eager to gain firsthand knowledge and experience through work opportunities.

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**Skills:**

**Programing languages:**  Python, Java, JavaScript, C#, C++, TypeScript, PHP, HTML & CSS

**Environments:** IntelliJ, Visual Studio Code**,** Visual Studio, IDLE, WSL

**Skills:** AWS, SQL, Sequelize, Docker, React, MongoDB, Bootstrap, Postman, Jira, Mocha, Chai

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**Education:**

**Northern Kentucky University** | Highland Heights, KY **May 2027 | GPA 3.75**

**Bachelor of Computer Science & Bachelor of Applied Software Engineering**

**Related Courses:** Web Development, Full Stack Development, Object Oriented Programming I & II, Data Structures and Algorithms, Database Programming, Software Design, Theory of Computation, Computer Systems

**Honors and Awards:** Valedictorian of Mason County High School & College of Informatics Dean’s List

**Affiliations:** Governor Scholar Alumni & Alpha Tau Omega Fraternity Member

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**Work Experience:**

**Software Engineer Fischer Homes** | Erlanger, KY | Jan 2025 – Present

* Implement new features and bug fixes using JavaScript, TypeScript, React, Redux, Bitbucket, Git, and Jira.
* Perform database migrations and front-end updates to manage user role permissions.
* Built an automated email system to relay API call results from a third-party application to Helpdesk.
* Conduct code reviews and manage pull request workflows to ensure quality and consistency.
* Developed integration tests for the sales CRM backend, ensuring test coverage for each pull request.

**Owner & Computer Technician, Winfield Computing** | Flemingsburg, Ky | August 2021 – Present

* Develop profitability calculator, a task scheduler along with JavaScript to automate business tasks.
* Installation and remote management of hardware using ubuntu and other Linux software.

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**Projects:**

**AI Investor Hackathon Project** – Team project using JavaScript, HTML, CSS, MongoDB; built paper trading, AI chatbot, and options simulation tools

**Empire Builder Game -** Created a game in Java applying multithreading, inheritance, abstraction, and polymorphism to manage gameplay and object interactions.

**Stock Tracker Platform** – Developed a stock-focused social site with JavaScript, HTML, CSS, Bootstrap, MongoDB; implemented cloud-based data storage.