

Joseph Penton

Gardendale, AL 35071

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Education

University of Alabama at Birmingham

Bachelors in Computer Science, Minor in Psychology

Expected Graduation: May 2024

Academic Merit Scholarship, Band Scholarship

Relevant coursework: Data structures & algorithms, OOP, Web development, Software Engineering, Database Development, Computer Organization/Lang,

Technical Skills

Languages: Python, Java, C, Assembly, PostgreSQL, HTML, CSS, Javascript

Frameworks: JavaSwing, JavaFX,

Other: Autodesk (AutoCad, Inventor, Revit)

Projects

Coffee Shop Order Interface | Java, JavaSwing

- Developed a Java project utilizing the Java Swing library to design an intuitive user interface facilitating coffee customization, ordering, and order review functionalities. Implemented add-on features to enhance user experience. Incorporated a robust order history viewer, providing seamless access to previous orders.

Precision Farming Software | Java, JavaFX

- Developed a Java-based software that enabled farmers to control drones utilizing automated flight pathing to collect information about crops in several zoned areas, such as growth, moisture of soil, harvest, and equipment-in-field.

Majestic Pies | HTML, CSS, Javascript (In-Progress)

- Designed and building a responsive website using HTML, CSS, and Javascript for a local family-owned pizza restaurant, enabling them to accept online orders. Implemented real-time menu updates, secure payments, and a user-friendly interface, resulting in increased online sales and customer satisfaction.

Professional Experience

I am looking to gain some experience within the field! Please feel free to contact me via phone or email for any opportunities