

# Thomas A Whalen

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🌐 <https://github.com/TmoWA>

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## SUMMARY

Software developer skilled in various languages and different areas of computer science. Proficient at fine-tuned SQL queries, stored procedures, and relational databases. Most experienced with Java. Detail-oriented and capable of resolving problems as they arise throughout the development process.

## SKILLS

**Programming:** Java, C++, various SQL types (including SQLite and SQL proper), HTML/CSS, Python and JavaScript.

**Training:** Ranging from tutoring fellow students in programming courses to training new employees.

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## EXPERIENCE

### Cantler's Riverside Inn

October 2021-Present, Annapolis, MD

Menu Designer

- Designed and created multiple full-service dining and bar menus following business trends for optimal sales while simultaneously adapting the design to the client's input and unique requirements.

### March 2020 – Present

- Created and sold manager app to Cantler's Riverside Inn, completed many personal projects, dedicated hundreds of hours to additional online learning.

### Cantler's Riverside Inn

July 2012-March 2020, Annapolis, MD

Various positions including busser, food runner, food expeditor, trainer

- Created an intuitive and efficient schedule manager application (described below) that allowed managers to quickly schedule employees based on forecasted sales, while meeting labor cost guidelines which saved 5 hours a week and increased profitability by 23%
- Prepared food in accordance with regulatory safety and health procedures
- Supervised 3 kitchen cooks and acted as liaison between the kitchen and waitstaff
- Trained 14 new hires and cross-trained 8 employees for new positions created by business need

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## PERSONAL PROJECTS

**Schedule Manager Application:** A Java program which uses a simple, intuitive GUI to communicate with an SQL database of saved employees and scheduled shifts then uses that data to generate multiple printable tables of shifts for those employees. Includes support for changing table colors, editing data on command, and adapting to the current date. **This program was sold to Cantler's Riverside Inn in 2020.**

**Tic-Tac-Toe and Accompanying Bot:** A remade version of the popular game 'Tic-Tac-Toe'. This program features a standard manual mode and an unbeatable bot mode powered by a minimax algorithm, enabling it to play itself.

**Image Histogram Matcher:** A Java program which provides a GUI that enables the user to select two image files which it then passes to a Python script that matches their histograms. The final result is essentially an image using the blended colors of the user's selection.

**Spellchecker Program:** A simple program using a trie data structure to house a list of correctly spelled words and a GUI which enables the user to query if their word is spelled correctly.

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## EDUCATION

**Associates of Applied Science: Computer Info Sys-Programming Analysis Option (Summa Cum Laude)**  
Anne Arundel Community College • Arnold, MD