Alexis Mainwaring
she/her   Software Developer

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Soft Skills

- Customer service
- Collaboration
- Detail-oriented
- Mentoring

Technical Skills

- Linux/Unix CLI
- Windows CLI
- Git & GitHub
- Microsoft Office
- Agile Development
- SQL
- AWS
- JSON
- .exe Disassembly
- Algorithms
- Data Structures

Languages

- C#
- TorqueScript
- HTML/CSS/JS
- Rust
- Python
- C
- C++
- Lua

Profile

Software developer focused on full-stack web development and Windows native apps. Fascinated by all things code and always looking to learn new or better ways to do things. Experience with collaborative development and mentoring others in both individual and team settings. Long background in developing both personal projects in C#, JS, Rust, C++, and C, and game mods in TorqueScript and Lua.

Experience

Momentum Learning   *Jul 2022–Oct 2022*
as a Software Developer

- 16-week software engineering program for full stack web development
- MyTunes Site   *iTunes-style music search site*
  - Search for songs using iTunes API
  - Responsively display results
- Django Code Snippets   *site for uploading useful snippets of code*
  - Syntax highlighting using highlight.js
  - Copying, forking & favoriting code snippets
- React Trivia   *single-age Trivia app using React*
  - Fetch trivia questions from Open Trivia Database
  - Used session token to avoid duplicate questions
- Blocks of Time   *puzzle game & speedrun leaderboard*
  - Final project built on a team using Agile workflow
  - Game created using Phaser 3.55
  - React & Phaser share code where appropriate

Panera Bread   *May 2023–Mar 2025*
as a Cashier

- Provided excellent customer service
- Assisted customers with ordering
- Accurately and quickly entered orders
- Worked with customers to ensure customer satisfaction

Independent Projects

- Custom Desktop   *customized desktop behavior*
  - Click to display ring of programs to launch
  - Debugging code with modern tools
- Game Mods   *misc experience from modding games*
  - Working around language and library limitations
  - Using disassembly tools to examine/edit executables
  - Debugging code with limited tools