

### **CERTIFICATIONS:**

Microsoft Word 2019 Associate  
Microsoft Excel 2019 Associate  
Microsoft PowerPoint 2019 Associate  
Microsoft Access 2019 Associate

### **HIGHLIGHTS OF QUALIFICATIONS:**

- Understands web front ends using HTML, JavaScript, TypeScript, and CSS
- Import/Export text files (csv, json, xml)
- Interacting with databases
- Creating/modifying database tables
- Using browser and IDE debuggers (IntelliJ)
- Proficiency in various collections (lists, arrays, dicts)
- Understands type systems (dynamic and strict)
- Package management

### **PROJECTS:**

#### [Super Battle Machine Boxing \(2021\)](#)

- Fighting game built using Unity and C# for competition with FBLA
- Collaborated with two peers using GitHub
- Created base mechanics and underlying attack systems

#### Online Chess Client (2022)

- Created with HTML, TypeScript, and CSS
- Interfaced with custom server using WebSockets
- Built with a peer using GitHub

#### Windows Console Games (2022)

- TicTacToe and custom card game built using C# and Java
- Ran in Windows console using text-based graphics

### **TECHNOLOGIES:**

- |              |                   |
|--------------|-------------------|
| • Java       | • SQL             |
| • C#         | • JSON            |
| • JavaScript | • XML             |
| • TypeScript | • CSS             |
| • Python     | • Windows Forms   |
| • WebSockets | • Windows Console |
| • NodeJS     | Apps              |

### **TOOLS:**

- Notepad/Notepad++
- JetBrains IntelliJ
- VSCode
- Visual Studio
- Basic Git command line
- GitHub
- GitHub pull requests