Andrii Malakhovtsev

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EDUCATION

Wright State University — Dayton, OH
Bachelor's of Arts in Computer Science — *Expected Graduation May 2027*

Sinclair College — Dayton, OH
Associate's of Arts in Software Development — *Aug. 2023 – Present*

Odesa National University — Odesa, Ukraine
Coursework towards Bachelor's Degree in Information Technology — *Aug. 2020 – May 2022*

EXPERIENCE

Crew Member — Jun. 2023 – Present
Trades Joe's — *Dayton, OH*
- Working in the team to stock the shelves, re-plan items and creating beautiful display
- Keeping up with safety standards by communicating with managers, customers and crew members
- Helping customers by finding items in the digital system and recommending best ones in a friendly way

Candy Carrier — Feb 2023 – May 2023
Esther Price Candies (Seasonal) — *Dayton, OH*
- Warehouse team-oriented job, keeping a lot of things in mind to get everything from the back stock in time
- High load work under time pressure

PROJECTS

Quarterly Sales | *ASP.NET Core, Razor Pages, C#*
- Developed a full-stack web application using ASP.NET Core MVC with Razor as the front-end
- Implemented validation rules for data for only correct user input possible

Game Query | *Windows Forms, C#*
- Developed a data-base like Windows app that allows you to find matches between friends and games
- Used a lot of OOP abstraction to make code re-usage simple and powerful
- Created limits on amount of players per game for better selection
- Made file-system saves and themes for the app to be more interactive

Clipboard Image to Text | *Python, Tesseract OCR*
- Developed a tool that converts copied screenshots to text using Tesseract OCR
- Optimized program to work for both Windows and MacOS

Numerical Analysis Library | *C#*
- Developed a C# library for Numerical Analysis in a university team
- Talked over with professor and other students on corrections

Mechanism Kinematics | *Windows Forms, C#*
- Developed a Windows Forms application with MVP-pattern for future change of front-end implementation
- Made all the program logic encapsulated for future code re-usage

TECHNICAL SKILLS

Languages: C#, Java, Python, C/C++, HTML/CSS, SQL (Postgres)
Frameworks: ASP.NET, React + Vite, Windows Forms
Developer Tools: Git, VS Code, Visual Studio, Rider, IntelliJ IDEA
Operating Systems: Linux, Windows, MacOS