

# Aiden Zanichkowsky

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 Portfolio: [aidenzanichkowsky.github.io](https://aidenzanichkowsky.github.io)

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## Education

### Algonquin College of Applied Arts and Technology

*Diploma in Computer Programming*

**May 2023 – June 2025**

- Focus on data structures, algorithms, object-oriented programming, and web development

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## Projects

### Signal Cleaner — *React | D3 | Node.js*

- Built a data processing and visualization application to clean and display streaming signal data
- Implemented interactive charts using D3 to dynamically render processed data in real time
- Designed frontend components in React and integrated them with backend data services
- Applied modular architecture to separate data processing, visualization, and UI logic

### Automation Bot — *Python | Bash*

- Developed automation scripts to streamline repetitive workflows and system tasks
- Wrote reusable Python modules and Bash scripts to improve efficiency and reduce manual effort
- Implemented structured error handling and logging to ensure reliability
- Maintained version control using Git to track changes and improvements

### Portfolio Website — *HTML | CSS | JavaScript*

- Engineered and deployed a personal portfolio website to showcase projects and technical skills
- Implemented responsive design principles for consistent performance across devices
- Structured content for clarity and accessibility while maintaining clean UI design
- Deployed via GitHub Pages with continuous updates through Git

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## Technical Skills

**Languages:** Python, Java, JavaScript, SQL, HTML5, CSS3

**Tools:** Git, Visual Studio Code

**Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Agile, Test-Driven Development

**Databases:** SQL, Oracle

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## Work Experience

### Cineplex Entertainment — Concessions Associate | *Ottawa, ON*

**Apr 2023 – Nov 2023**

- Handled high-volume transactions accurately while following strict procedures

### Ottawa Valley Meats — Warehouse Worker | *Ottawa, ON*

**Aug 2021 – Feb 2022**

- Followed systematic processes for order fulfillment and inventory handling

