

# Armaan Sharma

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## EDUCATION

### University of Toronto

*Bachelor of Arts in Computer Science, Minor in Mathematics*

Mississauga, ON

Sep. 2023 – May 2027

## EXPERIENCE

### Data Structures Tutor

Sep 2024 – Dec 2024

*sKompXcel*

*Toronto, ON*

- Guided students through fundamental data structures, including arrays, linked lists, stacks, queues, and trees
- Utilized Python, Java, HTML, and CSS to teach students about real-world applications of data structures
- Provided real-time debugging assistance and conceptual clarity, helping students improve problem-solving skills

### Mathematics Tutor

Dec. 2024 – Present

*Kumon*

*Hamilton, ON*

- Provided personalized math instruction to students from high school, improving their problem-solving skills
- Assessed assignments to track progress, and identified areas for improvement accordingly
- Developed strong time management skills by balancing individual student needs while managing multiple learners

### Plant Worker

May 2024 – Oct 2024

*Bimbo Canada*

*Hamilton, ON*

- Operated machinery and equipment to manufacture and assemble products efficiently and safely
- Conducted quality control checks to ensure products met company standards and specifications
- Collaborated with team members to meet production targets and address operational challenges

## PROJECTS

### Portfolio Website | *HTML, CSS, JavaScript, Visual Studio Code, Github*

Sept 2024 – Present

- Designed and developed a personal portfolio website to showcase projects and skills
- Implemented responsive web design using HTML and CSS for an optimal user experience across devices
- Leveraged Git and GitHub for version control and deployment
- Integrated Java-based functionalities to enhance interactivity

### Tetris | *JavaScript, HTML, CSS, Canvas, Github*

Dec 2024

- Implemented core game mechanics including grid-based logic, piece movement, rotation, and collision detection
- Utilized the HTML5 Canvas API to render and animate the Tetris game grid and Tetrominoes
- Integrated a simple game-over and restart functionality, with dynamic updates to the player's score
- Game loop functionality to ensure smooth and responsive gameplay across different devices and screen sizes.

### UberEats Clone | *JavaScript, HTML, CSS*

Dec 2024

- Developed core app functionality, including user authentication, restaurant browsing, and order placement
- Implemented a dynamic menu system, allowing restaurants to manage their items, pricing, and availability
- Integrated payment processing with secure gateways for seamless transactions
- Implemented geolocation services for precise restaurant and delivery tracking

## TECHNICAL SKILLS

**Languages:** Python, C++, JavaScript, HTML/CSS, C

**Frameworks:** React, Vanilla JavaScript, Flask

**Developer Tools:** Git, PyCharm, Visual Studio, VS Code

**Libraries:** NumPy, Chart.js, pandas, Matplotlib