# Aditya Manjrekar

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## Education

**York University**                                                                    Sept 2021 – Expected Apr 2026
*Bachelor of Science in Computer Science*                                                              *Toronto, ON*
- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Software Tools (C and Bash), Database Management Systems (SQL), Data Mining (Python), Human-Computer Interaction (UX/UI Design), Web Development, Operating Systems Fundamentals.

## Experience

**Checklick**                                                                                   Apr 2025 – Present
*Software Developer (Freelance)*                                                                       *Toronto, ON*
- Implemented responsive web pages using React.js and Tailwind CSS based on designs from Zeplin.
- Collaborated with designers to ensure UI accuracy and cross-browser compatibility.
- Maintained clean code and version control using Git and GitHub.

**Ededge Groups**                                                                            Jan 2025 – Apr 2025
*Data Analytics Intern (Remote)*                                                                       *Toronto, ON*
- Collaborated with a data science team to analyze, preprocess, and visualize large datasets, enhancing hands-on data analytics skills.
- Applied Python for Exploratory Data Analysis (EDA) to address real-world challenges in business contexts such as risk analytics.
- Utilized tools like Tableau to create data visualizations and reports that effectively communicate findings.
- Built machine learning pipelines, applied statistical methods, and optimized model performance in multidisciplinary projects.

**Draw Dream**                                                                              Feb 2025 – Apr 2025
*Software Developer (Freelance)*                                                                       *Toronto, ON*
- Developing an interactive web application to enhance coding skills, similar to neetcode.io, using React.js, TypeScript, HTML, CSS, and JavaScript.
- Implementing MySQL for backend data management, including user authentication and progress tracking.
- Collaborating with a team to integrate front-end and back-end components, focusing on scalability and performance.
- Following best practices in UI/UX design to enhance user engagement through structured learning paths and interactive problem-solving.

## Projects

**Online Banking System** | *Java, Spring Boot, Angular, HTML, CSS, JavaScript*
- Built a secure and responsive banking platform with features like account management, transactions, and loan services.
- Led front-end development using Angular and crafted a robust backend with Spring Boot and MySQL, ensuring secure API interactions.
- Implemented modules for customer operations, secure login, and seamless data handling across the application.

**Othello Game Application** | *Java, JavaFX, Design Patterns*
- Designed and developed a feature-rich Othello board game with a JavaFX-based GUI, integrating multiple AI strategies and robust game management features.
- Implemented Object-Oriented Design using Strategy and Command patterns for modular gameplay logic.
- Added functionalities such as AI players (Random, Greedy), undo/redo, game state persistence, and real-time UI updates via the Observer pattern.

## Technical Skills

**Languages**: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, Shell Scripting
**Frameworks & Technologies**: React.js, Angular, Spring Boot, REST API, JUnit, Git, GitHub
**Tools & Platforms**: VS Code, Eclipse, IntelliJ, PyCharm, CLion, WebStorm, Tableau, Figma, Excel
**Libraries**: Pandas, NumPy, Matplotlib, Seaborn