# Simrah Azfar

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## EDUCATION

**Wilfrid Laurier University**                                                                       **Waterloo, ON**
*Honours Computer Science BSc*                                                              *Sep 2020 – Apr 2024*
- Minor in User Experience Design and concentration in Big Data Systems
- Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Computer Networks, Operating Systems, Object-Oriented Programming, Data Mining, Data Visualization
- Extra-Curricular: WLU Financial Technology Association: VP of Media and Front-End/UX Developer, Laurier Women in Computer Science: VP of Marketing

## WORK EXPERIENCE

**Akhny Solutions Inc.**                                                                            **Mississauga, ON**
*Software Engineer Intern*                                                                      *Jun 2022 – Aug 2022*
- Assisted in developing applications for clients according to their business needs and requirements
- Designed and developed unique UI components in a React workspace
- Tested and integrated APIs using Postman, ensuring smooth performance
- Efficiently completed and accurately reported weekly sprints using Agile Scrum methodologies, enhancing organizational and interpersonal skills
- Configured an authentication service for users through Facebook and Google OAuth, nested routes, and CRUD functionalities
- Troubleshot software bugs and issues, solving approximately 40 problems every week

**Code Ninjas**                                                                                           **Milton, ON**
*Coding Instructor*                                                                                *May 2021 – Jul 2022*
- Taught students web and game development using JavaScript, Python, CSS and HTML
- Analyzed and debugged code written by individuals, offering constructive feedback for improvement
- Crafted captivating lessons incorporating visual aids to augment the educational experience

## PROJECTS

**Grind Application**
- Worked as a team to build a full-stack Django web application
- Built-in features such as a to-do list and a Pomodoro timer to help users stay on track with their tasks
- Gained an adept understanding of the Django framework, Agile and Kanban methodologies for project management
- Utilized version control tools, such as Git, to manage code changes and collaborate with team members effectively

**CRUD Table Application**
- Designed an interactive table to insert, remove, update and delete data to and from a Mongo Database
- Application created using EJs, JavaScript and CSS

**Personal Portfolio**
- Developed a student portfolio website using React that showcases skills, projects, and experiences in an engaging and interactive format
- Integrated external libraries and tools, such as React Router and bootstrap, to enhance the functionality of the website and improve the user experience

## SKILLS

**Languages:** Java, Python, JavaScript, C, R, HTML/CSS, SQL, MySQL

**Frameworks:** React, Node.js, EJS, Django, MongoDB, Pandas, Hadoop

**Tools:** Git, GitHub, Postman, Visual Studio Code, Figma, Heroku, RStudio, Eclipse IDE, Microsoft Office, Wireshark

## CERTIFICATES

Microsoft Azure Fundamentals - AZ-900
Microsoft AI Fundamentals - AI-900 (in progress)