

SURYA UDAY SINGH

Toronto, Ontario

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Education

Algoma University

2022 – 2026

Bachelor of Computer Science Honors

Sault St. Marie, Ontario

Recipient of Chancellors Award(Highest university scholarship)

Relevant Coursework

- Data Structures
- OOP
- Microsoft Office Suite
- Database Management
- Computer Architecture
- Assembly Programming
- Discrete Mathematics
- Linear Algebra

Technical Skills

Languages: Java, C++, HTML, HTML5, CSS, CSS3, JavaScript, SQL, ES6, PHP, Python, JQuery, EJS

Technologies: Linux, GitHub, React, Node.js, Git, Frontend, Backend, NoSQL, MongoDB, DevOps, Excel, Word, Office, REST, JSON, API, Cloud, VS Code, Eclipse, Azure, AWS

Certifications: Azure Fundamentals Az-900

Experience

OLG (Ontario's Gaming and Lottery Corporation)

Jan 2024 – April 2024

Technology Operations

Toronto, Ontario

- Proficiently troubleshooted Microsoft Teams Rooms and played a pivotal role in creating and updating comprehensive documentation for Microsoft Teams Rooms, facilitating IT staff members
- Leveraged PowerShell scripts to streamline administrative tasks, such as device reconfiguration to align with organizational policies, optimizing efficiency and compliance across all devices.
- Contributed to the digital signage initiative by updating USBs with relevant content for office televisions, effectively enhancing communication and visual representation of company messages.

Web Developer

August 2024 – Present

Algoma University Computer Science Club

Brampton, Ontario

- Led the development and ongoing maintenance of the Computer Science Club's official website, utilizing React for dynamic user interfaces and Tailwind CSS for modern, responsive design.
- Instrumental in planning and executing a diverse range of events and workshops for the Computer Science Club, which led to a significant boost in student engagement and attendance.

Projects

NotesApp | Express, Nodejs, EJS, Bootstrap

September 2024

- Created a user-friendly note-taking application with EJS for dynamic rendering, enabling users to easily create, edit, and delete notes. Employed Bootstrap for a clean, responsive design that enhances usability across devices.
- Used Express.js to manage routing and handle user requests, ensuring fast interactions with the server. Implemented backend logic for note management, including data validation and error handling, to improve application stability.

Dream Build | React, Node, API

June 2023

- Developed a fitness website using React and node.js to help peers find the exercises they need to be healthier.
- Used multiple API's offered by Rapid API to display 100s of exercises and recommending the user videos relating to it.
- Implemented some DevOps principles like CI/CD by hosting the website on netlify offering a seamless development environment

Dodo | Godot, GDScript

October 2024

- Designed a 2d game that follows a dodo collecting garbage to keep its island clean cinsiting of 3 different types of biomes
- Used sprites for the graphics and GDscript to code logic. Added an NPC that interacts with dodo.
- Uses random generation to spawn obstacles and garbage everytime the player replays the game. Added music and a timer to enhance user experience

Leadership / Extracurricular

Google Developers Student Club

2022

Communications Associate and member

Algoma University

- Organized various workshops for Algoma University students including workshops on Tensorflow, APIs, React and Flutter.
- Led a club of 20+ students in learning new technologies and acquiring skills they required to level up as a learner