Prinaka Aeirrene Arun

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Education

Carleton University   Ottawa, ON
Honours Bachelor in Computer Science, AI and ML Stream   Expected Graduation May 2028

Skills/Certifications

Courses/Certificates	Languages	Tools	Technologies
• Udacity: Intro to TensorFlow for Deep Learning • Udacity: Introduction to TensorFlow Lite	• Python • Java • C • JavaScript	• IntelliJ IDEA • VS Code • Git • Figma • Adobe XD	• HTML/CSS • TensorFlow • MERN Stack • MySQL • NumPy

Experience

Teachers/Executive Assistant as Co-op
St. Peter's Catholic Secondary School   January - June 2023

- Co-taught intermediate computer science and IT courses.
- Developed lessons and assignments tailored to student's interests.
- Fostered supportive classroom connections for effective learning.
- Proactively implemented innovative resources, showcasing a commitment to improvement.
- Managed class scheduling and organization, optimizing the learning environment.
- Contributed to budgeting and efficiently allocating resources for student success.
- Created specialized lessons for students with varying learning abilities, ensuring inclusivity in the learning process.

Projects

Sage | JavaScript, Python, React, Node.js, Express, MongoDB, TensorFlow
An intelligent task management system that uses ML to optimize task scheduling   2023 - Present

- Developed a responsive front-end using React, integrating Material-UI for a seamless user interface.
- Implemented a robust back-end using Node.js and Express, with MongoDB for data storage and Mongoose for schema management.
- Created RESTful APIs to handle CRUD operations for tasks and user authentication using JWT.
- Trained a neural network model with TensorFlow to prioritize tasks and suggest optimal scheduling based on user behaviour.

Wise Ways | JavaScript, Figma
Health management app designed for elders   May 2023

- Designed and prototyped user-friendly interfaces using Figma, focusing on accessibility for elderly users.
- Developed front-end components with JavaScript to provide essential health management features like medication reminders and health tracking.

AI Guide | Python, Tensorflow, Udacity: Cybersecurity courses
AI detection tool for false/scam images, text, sites and news   June - Present

- Leveraged Python and TensorFlow to develop a machine learning model capable of identifying false or scam content across various media.
- Using cybersecurity courses on Udacity to enhance the tool's effectiveness in detecting fraudulent activities and ensuring user safety.