Ryan Matte
Computer Science Student

Fourth year computer science student eager to pursue the role of Client Support Analyst at Q4. Enjoys UI/UX design, web development, and working on a collaborative team to solve problems and find solutions. Looking to use strong team and management experience to benefit the team.

Work Experience

Teaching Assistant — University of Ottawa — May 2020 - Aug 2020

- Worked with Dr. Barrière as a teaching assistant for SEG 3125 - Analysis and Design of User Interfaces.
- Implemented new online curriculum for better access and student participation.
- Provided feedback and reports to student to improve their abilities using Html/CSS/Boostrap/Node and React.
- Communicated with and responded to students' questions to guide their studies throughout the course.

IT Technician — Canada's Wonderland — May 2019 - Jan 2020

- Oversaw the implementation of a new integrated debit system
- Overlooked over 200 POS systems, as well as communication devices essential to the operation of the park
- Provided support for the parks domain and network
- Supplied support to assist in the operations of the park

Supervisor — Canada's Wonderland — May 2018 - Jan 2018

- Oversaw the training and supervision of 20 park services associates
- Achieved crew of the year through effective team management and collaboration.
- Worked with multiple departments to comply to the parks cornerstone objectives

Projects

RCT2 Ride Calculator

- Android Studio, Java, SQLite, XML and Adobe XD
- Made for the 2020 hack-instead hackathon
- Utilized decompiled C++ code to optimize a cost problem and represent the information in a mobile User Interface

Machine Learning - Hand Tracking

- Python, OpenCV, Yolov3, Tensor Flow
- Utilized Yolov3 to train a hand tracking algorithm that uses the users webcam to track their hand and generate coordinates

Wurth-it

- Wampserver, JavaScript, PHP, CSS, HTML, jQuery, MySQL and Bootstrap
- Worked with a team and collaborated using GitHub
- Deployed the site on a webserver and managed the database

Contact Info

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Skills

Programming Languages

Java, Python, C#, C++, SQL, NoSQL, PHP, HTML, CSS, Prolog, Scheme, Ocaml, Go

Information Technology

Micros POS deployment, Windows 10, 8 and 7, RSAT, Active Directory, Dameware, Axis Control, Eigen and Moneris debit machines

Tools

PostgreSQL, MySQL, Android Studio, Adobe XD, SQLite, Intellij, Wampserver

Education

University of Ottawa

Honours Bsc. Computer Science
2017-2021

Relevant Courses

Intro. to Artificial Intelligence
Analysis and Design of User Interfaces
Picture Processing and Analysis
Computer Graphics
Programming Paradigms
Data Structures and Algorithms
Design and Analysis of Algorithms