

# Joseph Fanous

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## EDUCATION

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**Ontario Tech University** | BSc (Hons) in Computer Science - Comprehensive • *Expected Graduation: 2022*

- 2020 Dean's Honors List | Relevant courses: Computer Algorithms & Data Structures, Databases, Machine Learning, Scientific Data Analysis, Human-Computer Interaction, Quantum Computing

## SKILLS

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- **Languages:** Python, Dart, Java, JavaScript, SQL, NoSQL, C++, ARM Assembly
- **Technical:** Report writing, compiling research, Microsoft Office, prototyping, data analysis, business analysis, APIs, mobile development, Figma, Flutter, AWS, web development, React.js, Node.js, Vue.js, HTML, CSS, SCSS
- **Multilingual:** English, French, Arabic

## WORK EXPERIENCE

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**Software Developer** | Dataraction • *January 2021 – June 2021*

- Responsible for developing and maintaining IOS and Android applications allowing users to provide feedback on pitch videos. The feedback was then used to display a variety of stats on a personalised dashboard within the app.
- Implemented deep linking connected to a web app, Loopback 4 technology to connect REST APIs, Sentry to track errors, and unit testing to optimize our code.
- AWS S3, Lambda, Transcribe, Amplify, DynamoDB, Pinpoint, and IAM.
- Dialogflow to create a chatbot.

**Teaching Assistant** | Ontario Tech University | Dr. Randy Fortier • *January 2020 – January 2021*

- Assisted CSCI1030U & CSCI2050U (Intro to Programming and Computer Architecture) in supporting learning by engaging in discussion and tutorials with students.
- Helped students with Python, ARM Assembly, Breadboards, and Raspberry Pi development.

**Data Entry Operator** | Primerica | *May 2019 – August 2019*

- Organized documents in record systems to support filing needs of customers and potential employees
- Evaluated source documents to locate information needed for each data entry field.
- Outlined appropriate processes and procedures to fulfill and complete inquiries.

## PROJECTS

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**Red Alert** | *Final Project for Mobile Development 2020*

- Collaborated with 2 classmates to create a Flutter application operational on both IOS and Android that assists in the identification of missing people in their area based on location
- Implemented features such as local storage, cloud storage, data aggregation, and web scrapping.

**Sports4u** | *Final Project for Web Development 2020*

- Designed a multi-layered website with classmates helping users identify sport facilities and events near them with the help of HTML, CSS, JavaScript, Node.js, and Vue.js.

**Screening Application** | *Semester project for Human-Computer Interaction 2020*

- Collaborated to design an innovative way to help with screening and COVID-19 forms.
- Compiled a proposal, research plan, scenario testing with personas, stakeholder analysis, designing, and prototyping to ensure the methodology is optimal for users.

**Arade Game** | *Final Project for Software Systems Development and Integration 2020*

- Web application that utilizes File I/O, Sockets, Multi-threading, and debugging.
- Worked with 3 other classmates to plan, develop, and build a working mini-arcade game using JavaFX.