

Kian Salehi

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Work Experience

Mely.ai

Montreal, Quebec

FULL STACK DEVELOPER INTERN

Sep. 2021, Current

- Worked in a team of six engineers to build Mely.ai platform for data extraction and customs shipping/logistics.
- Designed and implemented **Vue.js** pages to showcase document data, with a focus on modern design and accessibility.
- Implemented **REST API** end points in **C#** and **Python** to support the data transportation between the Mely.ai platform, and Crimson Logic.
- Reduced the loading time on the platform's pages by **80%** by reducing unnecessary data transferred through API calls.
- Redesigned **SQL** database to better reflect platform structure and refactored **REST API** endpoints to work with database.

CSSA/AEI

Ottawa, Ontario

VICE-PRESIDENT EXTERNAL AFFAIRS

May. 2021 - Current

- Gathering sponsorships for events such as 101 week, and job fairs.
- Liaison between the Computer Science Student Association and the University of Ottawa Student's Union (UOSU).
- Presenting relevant updates in weekly meetings.

New Creation Studio

Newmarket, Ontario

FREELANCE SOFTWARE DEVELOPER

Jul. 2021, Aug. 2021

- Designed, planned, and developed a website using JavaScript, HTML, CSS as requested by the client.
- Planned and scheduled deliverables that satisfied the clients wishes to have a platform for their art and inquiries about their work and services.
- Presented the work and changes of the website to the CEO in weekly meetings, to ensure the best results for the client.

Projects

NewsApp

JAVASCRIPT/NODEJS/JAVA/VAADIN/MONGODB ([HTTPS://GITHUB.COM/KIANSALEHI/NEWSAPPWEB](https://github.com/Kiansalehi/NewsAppWeb))

- Designed and developed **front-end** components using **Java**, the **Vaadin framework**, and **Vaadin UI libraries**.
- Deployed the web application on **Heroku**, using the **Heroku CLI tool**, and generated JAR file using **Maven**.
- Designed and built **REST API** endpoints for the **backend** using **Node.js** and **Express.js**
- Scraped and gathered data using **Cheerio** and **Axios** modules.
- Stored information from 3 major news websites, BBC news, NBC news, and CTV news using **MongoDB Cluster database** via **MongoDB API** module on Node.js.

Gambler

JAVASCRIPT/NODEJS ([HTTPS://GITHUB.COM/KIANSALEHI/GAMBLERBOT](https://github.com/Kiansalehi/GamblerBot))

- Programmed a Discord bot to host server gambling games for up to 50 users .
- Deployed the **Node.js** application using **Heroku git** deployment.
- Implemented the **back-end** using **Javascript** and the **DiscordJS module**.
- Integrated a **MongoDB Cluster instance** using the **MongoDB API module** to store user information for each game.

OpenArms

JAVA ANDROID APP/FIREBASE ([HTTPS://GITHUB.COM/KIANSALEHI/OPENARMS](https://github.com/Kiansalehi/OpenArms))

- Developed a **Java application** using **Android Studio** to anonymously assist students with mental health.
- Stored user login Information using **Firebase Firestore** and authenticated users using **Firebase Authentication**.
- Planned and directed the development team using **Trello**.
- Presented the application to over 100 participants in uOttHack 4 **hackathon**.

Skills

Technical Skills

- **Languages:** JavaScript, Java, Python, C#, CSS, HTML, SQL
- **Frameworks:** Vue.js, .Net Core, React, Vaadin
- **Databases:** MongoDB, Firebase, PostgreSQL
- **Tools:** Android Studio, VS Code, Git, Webstorm, Pycharm, IntelliJ, Trello, Microsoft Office
- **Soft Skills:** Teamwork, Communication, Leadership, Independence, Time Management

Education

University of Ottawa

Ottawa, Ontario

B.S. MAJOR IN COMPUTER SCIENCE, MINOR IN MATHEMATICS

Sep. 2018 - Sep. 2022

Scholarships: Admission scholarship, Dean's Honour List 2020, and Dean's Honour List 2021.

Relevant Coursework: Probability and Statistics for Engineers (MAT 2377), Data Structures and Algorithms (CSI 2110), Analysis and Design of User Interfaces (SEG 3125), Design and Analysis of Algorithms I (CSI 3105), Operating Systems (CSI 3131), Computer Architecture I (CSI 2136).