

Brandon Chan

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EDUCATION

York University

B.Eng. Computer Engineering

Graduated June 2021

Toronto, Canada

WORK EXPERIENCE

Software Engineer Intern

October 2021 – Present

Mely.ai

- Developed features for smart document extraction for a supply chain and logistics application, thereby improving data extraction by 100%
- Collaborated with the sales, product design and engineering to develop an understanding of client needs
- Designed and developed webpages in **Vue.js** showcasing efficient and elegant designs
- Developed APIs in **ASP.NET** and **Python Flask** to support **CRUD** operations and provide solid data communication from a **PostgreSQL** database
- Provided career development, guidance, and mentorship to new interns

IT Technician

April 2019 – September 2019

Score Promotions

- Provided real-time technical support for all hardware and software related installation and troubleshooting for client network, workstations, and servers.
- Maintain detailed documentation of client communications and problem resolution in ticketing system.
- Managed windows server active directory and exchange server

PROJECTS

NuChat – Chat Web Application

May 2021 – June 2021

Project

- Created a real-time chat web application for users to send text-based messages made in **React.js**.
- Developed **Firebase** NoSQL database to store and update all messages sent and received by all users in real-time.
- Implemented user ability to create and delete chatrooms with corresponding names and descriptions.
- Implemented login system that uses Google credentials for authentication.

MedMemo – Hospital Communication System

Sept 2020 – Apr 2021

Course Project

- Created a web-based communication application for healthcare workers in hospitals to replace terminal stations for organizing patient information.
- Designed Front-end elements in Figma and developed in **React.js**.
- Constructed and designed **MySQL** relational database to store all data in the system.
- Developed Back-end RESTful API using **Express.js** and **Node.js** to communicate with SQL database.
- Developed a real-time communication feature for nurses and physicians with NoSQL database hosted on **Firebase**.
- Implemented security measures using Bcrypt for password hashing.

TECHNOLOGIES AND LANGUAGES

Languages: Java | JavaScript | C# | HTML | CSS | Python | SQL | C

Technologies: Vue.js | React.js | Express.js | MongoDB | Firebase | ASP.NET | Docker | Git | Postman | AWS