

KAJOBAN KUHAPARAN

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EDUCATION

McMaster University

September 2016 - April 2021

- **Bachelor of Software Engineering and Management, B.Eng.Mgt, Co-op**
- GPA: 3.5/4.0, Honours: Dean's Honour List (2017, 2018), Level 2 McMaster Honour Award (2016)

SKILLS

Languages Python, Java, C, C++, JavaScript, HTML, CSS, Bash, SQL

Libraries/Frameworks Node.js, Express, React, Mocha, Bootstrap

Technologies Git, Heroku, MongoDB, MySQL

Design Photoshop, Illustrator, SketchBook

EXPERIENCE

Application Developer - McMaster Centre for Simulation Based Learning

June 2018 - August 2018

- Developed a web application to facilitate the more efficient generation of clinical simulation scenarios, which is set to be used to train 250+ health care providers annually
- Designed the high level architecture of the application and built features using Node.js, Express, MongoDB, and Bootstrap
- Collaborated with various health care professionals to capture user scenarios, create product requirements, and design various features

TECHNICAL PROJECTS

PaperTrail, HackPrinceton Spring 2018, devpost.com/software/papertrail

- **Winner of the Most Daredevil award** for the most adventurous completed project **out of 50+ submissions**
- Developed a blockchain based scientific journal, with its own cryptocurrency, that incentivizes legitimacy, transparency, and peer review
- Led front end development of web application with JavaScript, HTML, CSS, and Bootstrap

MentalPicture, HackWestern 5, devpost.com/software/mentalpicture

- Developed a data visualization web application that uses the results of a daily SMS survey to graph trends in a user's mental health based on factors such as general mood, hours slept, hours exercised, and calories consumed
- Designed the application using a serverless architecture, using Node.js and Stdlib to build API endpoints, Twilio to build the SMS bot, and MongoDB to store survey results
- Built front end with React and Victory to render interactive graphs

TopTracks, github.com/kajoban/TopTracks

- Developed a web application for Spotify users to view their most played songs, based on recent or long-term data
- Built front end with React, utilized the Spotify API to support user login and obtain user data

CoinCard, github.com/kajoban/CoinCard

- Developed a cryptocurrency index web application that displays conversion ratios of popular coins in real time
- Built back end with Node.js and Request. Built front end with React. Deployed with Heroku

PomodoroTimer, github.com/kajoban/PomodoroTimer

- Developed a web application that features a switchable timer to facilitate the Pomodoro time management technique and promote efficient study sessions for students
- Built back end with Node.js and Express. Built front end with Bootstrap. Deployed with Heroku

EXTRACURRICULAR ACTIVITIES

Executive, Attendee Relations - DeltaHacks

May 2018 - Present

- Contributing to organization of an MLH sponsored hackathon of 700 students to hack for a positive change
- Reviewed hacker applications, personally marked 800 of 1600 applications
- Developed a script using Python to automate the updating of application marks, increasing efficiency of updating marks by 375%