Khalid Dhieb

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Language-agnostic software developer with a passion for building

EDUCATION

Bachelor of Computer Science	University of British Columbia	Sep 2020 - Dec 2023
Bachelor of Commerce - Finance	Concordia University	Jan 2016 - Dec 2018

SKILLS

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

Tools: React, JUnit, Node.js, jQuery, Django, Express, PostgreSQL, MongoDB, Firebase, Docker, AWS

Other: Git, REST APIs, Object Oriented Programming, Agile

EXPERIENCE

Incoming Software Developer - SAP - Intern　　　　　　　　　　　Sep 2021 - Apr 2022
- Will be joining the iXp internship program and working with the HANA and Analytics team

Code Mentor - Canada Learning Code - Volunteer　　　　　　　　May 2021 - Present
- Assisting with the instruction of Python and SQL during workshops
- Managing breakout rooms while helping learners troubleshoot coding bugs and technical issues

PROJECTS

Twitter Lite 🔗　　　　　　　　　　　　　　　　　　　　　　　　Jun 2021 - Jul 2021
- Twitter clone that allows users to create a profile, write and like posts, and follow other users
- Used React to create dynamic client-side website, using Express to handle API calls to PostgreSQL backend
- Used AWS Cognito for user authentication, an S3 bucket to store display pictures, and Heroku for hosting

Productivity Timer 🔗　　　　　　　　　　　　　　　　　　　　Mar 2021 - Apr 2021
- User friendly Chrome extension used to time work sessions and set to-do list objectives
- Leveraged Chrome API to store session data in browser storage and handle requests between backend and UI

Social Calendar - TreeHacks 🔗　　　　　　　　　　　　　　　　　　　　Feb 2021
- React App for keeping in touch with friends by finding common availabilities in schedules
- Used Firebase to handle user authentication and Realtime Database to store user schedule and friend data
- Integrated Google Calendar API to allow users to import personal calendars and send event invites

Restaurant Chatbot - Hack the North 🔗　　　　　　　　　　　　　　　　Jan 2021
- Used Node.js to build an automated facebook messenger chatbot to help friends decide on restaurants together
- Integrated Yelp and Radar APIs to fetch venue data, and MongoDB Cloud to store and retrieve session data
- Implemented and trained Wit.ai NLP model to understand and handle requests for directions from user

Tetris 🔗　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 2021
- Implemented OOP and Java's abstract classes to model individual blocks and shapes
- Leveraged additional thread to run game, register keystrokes, and update the JavaFx UI asynchronously

Volunteering Platform - VanHacks 1st Place 🔗　　　　　　　　Sep 2020 - Feb 2021
- Django website that allows non-profits to recruit volunteers, allowing users to quickly apply for roles
- Dynamically populated backend user data with Python using Object-Oriented models and SQLite database
- Handled authentication for volunteer and non-profit accounts providing user-based permissions and site layout