Deniz Kaptan

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EDUCATION

DALHOUSIE UNIVERSITY
BCS Computer Science
2020-2024 | Halifax, NS
GPA: 3.98

LINKS

Github:// **zkaptan**
LinkedIn:// **denizkaptan**
YouTube:// **denizkaptan5490**

COURSEWORK

UNDERGRADUATE
Data Science
Data Structures & Algorithms *
Operating Systems
Software Engineering
Database Systems
Discrete Math
Web Design & Development *
Matrix Theory & Linear Algebra
Theory of Computer Science
Intro to Psychology & Neuroscience
* Teaching Assistant

SKILLS

PROGRAMMING
Java • Python • TypeScript • C
Android • ReactJS • Vue.js • NodeJS •
SQL • Firebase • MongoDB • Git • Bash

LANGUAGES
English - Fluent
Turkish - Fluent
French - Proficient

EXPERIENCE

DASH HUDSON | Software Engineering Intern
April 2022 - August 2022 | Halifax, NS
- Developed a single single-page Vue.js web app that allowed users to view and analyze their social media marketing strategy
- Designed and developed a back end using Python, SQL, and Elasticsearch that utilized APIs from major social media platforms
- Acted as scrum master for a team of 7 developers

DALHOUSIE Marker Data Structures & Algorithms
Sept 2022 - Dec 2022
- Reviewed and assessed coursework for a class of over 300 students, providing detailed feedback and guidance to help students improve their understanding
- Offered support to students struggling with algorithmic topics, including Dijkstra's algorithm and binary tree traversals

DALHOUSIE Teaching Assistant Intro to Web Design & Development
Jan 2022 - April 2022
- Led weekly lab sessions for the course, helping students review and understand core web development material
- Offered one-on-one support to students during TA office hours, answering questions and providing clarification on course material as needed

PROJECTS

BARTER TRADER APP | Android Studio, Java
Sept 2022 - Dec 2022
- Worked in a team of 3 developers developing a Full stack app allowing users to trade with nearby users. Trades can be viewed on a map or by search
- Authentication and back end implemented with Firebase and Firebase Realtime Database
- Contains features such as item viewing on a map, instant chats, and push notifications

HOUSE MARKET PLACE APP | React, Firebase
Dec 2021
- Full stack crud app allowing users to view offers for houses for rent or sale. Users can sign in with their Google account to list a house
- User authentication done using Google OAuth
- Back end using Firebase Firestore

VOLUNTEERING

GOOGLE DEVELOPER STUDENT CLUBS | Dalhousie University
Sept 2021 - Sept 2022
- Developer and presenter for the Google Developer Student Club at Dalhousie
- Developed a Sign Language to text convertor using machine learning and TensorFlow
- Presented an introductory session on ReactJS for beginners