

Deniz Kaptan

denizkaptan.com
dkkaptan20@gmail.com | 902.401.5284

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

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 React.js for beginners