Ekim Karabey

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# Technical Skills

* **Languages** Python • Java • JavaScript • C/C++ • Shell • HTML • CSS • SQL • Node.js
* **Tools/Frameworks** Flask • Express • PostgreSQL • jQuery • React • Git • Linux • MongoDB • AWS

# Projects

## Classio – https://classio.herokuapp.com

A web-app that simplifies class selection by organizing and presenting data in a user-friendly way.

* Used over1000 times by students across three universities
* Reduced class selection time by over three-fold.
* Scraped and standardized data of over 600 courses using Selenium, BeautifulSoup
* Implemented RESTful API using Flask, UI using jQuery & Bootstrap

## Douh – https://douh.herokuapp.com

A scalable web-app that allows users to create ingredients and recipes, save them to a unique account, and share them with their friends.

* Created a full-fledged CRUD app using Flask, able to manage users and user-relational objects
* Used hashing and OAuth 2.0 to securely manage critical member info

## E-mOTION – https://e-motion-htn.herokuapp.com

A web-app mental health platform powered by journaling and artificial intelligence.

* Utilized Pythonand Flaskfor the backend, Reactfor the frontend, PostgreSQLfor the database.
* Determined and visualized user mood over time by analyzing entries with Azure sentiment analysis

# Experience

## Teaching Assistant – Queen’s University 2019-2020

* Showed leadership to lead office hours for MATH111 and MATH121
* Helped students by providing one-on-one tutoring and general out-of-class assistance

## Backend Developer – Bizmed Solutions Inc 2019-2020

* Designed a scalable and modular web server using Express and MongoDB
* Sustained full stack development with a diverse team of five people

## Lead Internal Developer – qtma - https://qtma.ca 2019-2020

* Implemented an internal database for managing member information and placements
* Increased internal operational efficiency by 30%

# Education

## Bachelor of Computing (HonOurs) – Queen’s University 2018-2023

* Cumulative GPA: 3.74
* Related Courses: System Level Programming, Algorithms and Data Structures