

Dongchen(Toby) Tang

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Skills

Languages

C/C++, Scheme, Swift, JavaScript,
HTML, CSS, Java, Latex, SQL

Frameworks

jQuery, Bootstrap, W3School.css,
UIKit, MapKit, OAuth2.0

Database

Oracle 12c

Education

University of Waterloo

Bachelor of Computer Science GPA 3.9
2B term
Sep 2016 – Apr 2021

Awards

University of Waterloo

Top 1% of Euclid Contest
Feb 2016

University of Waterloo

Top 9% of SIN Physics Contest
Apr 2016

University of Waterloo

Top 5 best teams of Hackathon 2017
Apr 2017

Projects

EZEat

- Created app that collects data of surrounding restaurants from **Yelp API**
- Parses JSON response with **OAuth2.0** framework and represents the data using a **table view** and **map view**
- Built using **Carthage** for extra frameworks in iOS

iTunes Client

- Created app to search the entire iTunes with data from **iTunes API**
- Using **table views** for different searching results and **stack views** for specific information of a result

Stormy

- Parses real time weather data from **Dark Sky API**
- Reduced object rendering time by 17% by implementing data caching

Employment

Ministry of Education – Agile QA Assistant

Sep 2017 – Dec 2017

- Involved in a team responsible for testing **University and College Enrollment Statistics** system
- Reduced testing time by half by executing over 800 automated test cases **monthly** for code releases
- Queried and modified test cases from database to improve testing time by 13%
- Participated in various knowledge transfer sessions additionally