

Toby Chow

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EDUCATION

Bachelor of Science in Computer Science, Richardson, Texas
The University of Texas at Dallas *Expected December 2020*

RELEVANT COURSEWORK

Data Structures	Software Engineering	Database Systems
C/C++ in UNIX Environment	Computer Architecture	Algorithms

SKILLS

Programming/Scripting Languages: C++, C#, Java, Python, Bash, Racket, AHK, SQL, Prolog

Technologies/Environment: .NET Core, Visual Studio, AWS Lambda, Android Framework, Git, UNIX, Adobe XD

PROJECTS

UTD Voice Assisted Parking – Team Project, **(Python)** *February 2019*

- Created beneficial solutions for busy UT Dallas students and faculty
- Provided easy voice access to UT Dallas's 3000+ Parking spaces by utilizing AWS Lambda function to access back-end

Music Web Scraper – Personal Project, **(Python)** *January 2019*

- Generated up to 40% increase in favorite music libraries for 3 users by developing a Web Scraper app

Android Calorie Tracker – Personal Project, **(Java)** *March 2018*

- Utilized the Android Framework, to create a mobile app to help burn fat, gain muscle, or live a healthy lifestyle
- Ensured simultaneous support for 20 user accounts on my Android app by utilizing SQLite for embedded backend

Multidimensional Search – Coursework, **(Java)** *November 2018*

- Utilized multiple data structures to create several databases of products
- Implemented and applied a Binary Search Tree for ID and price databases
- Enabled quick retrieval by item description by using HashSet

ACTIVITIES

Member - Artificial Intelligence Society [AIS] *Spring 2019 - Present*

Member - Association for Computing Machinery [ACM] *Fall 2018 - Present*

Participant - Hack-a-thon, University of Texas at Dallas *Fall 2016, Spring 2019*

Participant - Make-a-thon, University of Texas at Dallas *Fall 2016 – 2017*