

Toby Chow

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EDUCATION

Bachelor of Science in Computer Science

The University of Texas at Dallas, Richardson, Texas

Expected May 2021

RELEVANT COURSEWORK

Data Structures

C/C++ in UNIX Environment

Software Engineering

Computer Architecture

Database Systems

Algorithms

SKILLS

Programming/Scripting Languages: C++, C#, Java, Python, JS ES6, Bash, AHK, SQL

Technologies/Environment: Node.js, Microsoft SSMS, MongoDB Atlas, Azure DevOps, AWS Lambda, Google Cloud Function, Postman, Git, Github, Linux, UNIX, Adobe XD

Libraries/Frameworks: React, Redux, Express.js, ASP.NET Core, Android

WORK EXPERIENCE

Code Authority - Software Developer Intern

Jun. - Aug. 2019

- Learned React and ASP.NET Core in 3 weeks and delivered significant progress on project for the client, TSRA, whom are recognized nation-wide in the cattle ranching industry
- Developed as a **full-stack developer** using company's technology stack: **ASP.NET Core, React, Redux, and SQL**
- Engaged in daily stand-up meetings to ensure effective communication and project organization with team

PROJECTS

Full-Stack Parking Assist – Personal Project (MongoDB Atlas, Express, React, Python, Node.js)

May - Present

- Developing full-stack application that will help UTD peers and faculty find parking on campus
- Using Google Cloud Function for my Python web-crawler to populate parking data

Social Media Platform – Personal (React, Firebase)

Jul. - Aug. 2019

- Developed a scalable social media platform
- Built and connected both React pages and Google Firebase

UTD Parking Assistant – Hack-a-thon Team Project (Python, AWS Lambda)

May 2018

- Created an Alexa assistant to find parking availability on campus
- My work was the backend of the project. Created a Python web-crawler and hosted the code on AWS Lambda. Also connected Alexa Skill as trigger for AWS Lambda

ACTIVITIES

Web Developer Officer - UX Club

Fall 2020 - Present

Member - Association for Computing Machinery [ACM]

Fall 2018 - May 2020

Member - Artificial Intelligence Society [AIS]

Spring 2019

Participant - Hack-a-thon, The University of Texas at Dallas

Fall 2016, Spring 2019

Participant - Make-a-thon, The University of Texas at Dallas

Fall 2016 – 2017