

Michael Tong

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Education

The University of Texas at Dallas, Richardson, TX

May 2019 (Expected)

- Bachelor of Engineering in Computer Science, **GPA 3.27/4.0**

Eastfield Community College, Mesquite, TX

May 2015

- Associate's Degree in Science **GPA: 3.4/4.0**
- Graduated top 10% in class size of 500

Computer Skills

Frameworks	: Express.js with Node.js
Languages	: PowerShell, Python, HTML/CSS, Java, JavaScript, C, C++, Bash, Swift
Applications	: Control-M Workload Automation, Zabbix Monitoring Software
Databases	: MySQL, SQLite, Oracle
Multimedia	: Sony Vegas Pro, Adobe Photoshop, Audacity, REAPER, FL Studios
Other	: Microsoft Outlook, Git, AWS, TeamViewer, VPN, SSH

Personal Projects

Personal Website (In Progress)

December 2018

A simple website, started off with Node.js and Express.js, created a website to showcase a biography and portfolio. Utilized Amazon Web Services and Namecheap in order to host the personal website on MichaelTong.Me.

Do You Like Dogs? - A Random Dog Generator

May 2018

A simple web app, created using Express.js with Node.js and also using the random-puppy npm package. Source code can be found through my Github under expressintro. Working web app can be found on MichaelTong.Me.

Launch the Ship

July 2018

A simple iOS app, created using Xcode and Swift. Activating the ship with a button will animate a ship to launch. Source code and YouTube video reference can be found through my Github under LaunchTheShip

Academic Projects

Computer Networks

Chrome Cast Protocol

Fall 2018

Designed and implemented simple Chrome Cast clone using Mininet, Python, Linux OS, and demonstrated successfully through a short video which can be found through my Github under ChromePass.

Computer Graphics

Maze Impossible

Fall 2018

Constructed a maze game with four unique levels using Unreal Engine 4, Adobe Photoshop, Blender (3D Models), Git, Azure DevOps, and more for our final project.

Database Systems

Database Management System Project

Spring 2018

Produced an EER model, converted it into a database design, and implemented a series of queries and views from a travel agency database using Oracle.

Mobile App Development (Android)

Contact Manager Project

Spring 2018

Developed a simple contact manager app that utilized a SQLite database and made use of Google's API in order to find specific locations using Android Studios.

Work Experience

System Analyst, The University of Texas at Dallas, Richardson, TX

Aug 2018 – Present

Collaborating with The Office of Information Technology team with projects related with Control-M automation, job scheduling, file transfers, and PowerShell script development through the UTD system.

Tutor, Learn & Grow - Your Personal Tutoring Service, Dallas, TX

Dec 2017 – Aug 2018

Guiding students and building confidence by teaching them how to learn to remember from elementary through high school in subjects related to math and physics.