

AMBER MOON HASAN

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EDUCATION

M.S. Software Engineering | GPA: 4.0 The University of Texas at Dallas Fall 2023-present

- Executive Masters. Classes in System Requirements, Advanced OOP, ML/AI, Testing for corporate professionals
- Classes are only on Friday nights and Saturdays, so I am available for full-time positions as well as internships

B.S. Computer Science | GPA: 3.9 The University of Texas at Dallas 2013-2017

- UTD's AES Honors Scholarship Recipient | Alumna of Computing Scholars Honors Program (CS Squared)
- Dean's List for three semesters, School of Engineering | Missed one question on the math portion of the SAT

WORK / INTERNSHIPS

Mobile App Developer, Shopify Feb 2022 - May 2023

- Added support for Bluetooth card readers to Shopify POS, using React Native Typescript and KMM
- Proficient in Git and GitHub for daily version control and collaboration needs
- Supported Apple Tap to Pay, Android Tap to Pay, Offline Payments, and Card Reader Connectivity issues

Software Engineer, Microsoft Dec 2021 - Feb 2022

- Commerce and Ecosystem division in Cloud & AI (powers commerce for key businesses like Azure, Office 365)
- Commerce Partner & Seller Experience team, SQL databases and REST API frameworks
- Developed Model Driven Apps and Canvas Apps on Power Platform.

Software Engineer I / II, Bank of America Aug 2017- Dec 2021

- Certified in MuleSoft Integration and API Associate, using Anypoint Studio IDE
- Use Java to code Middleware REST and SOAP web services on IDE, IBM Rational Application Developer (RAD)
- CI/CD: Almost single-handedly moved code from uDeploy to the Horizon Platform in my team

IT Intern, USAA Summer 2015 / 2016

- Used Java, Wicket, HTML, CSS to develop front end UI and backend services to create internal web application
- Implemented JUnit testing and Selenium testing | Worked in Agile environment, took Agile class, pair programming
- Used XML and Java for UI, functionality, and web services in Android for an application used by USAA members.

Software Engineer Intern, Estech Systems, Inc. (ESI) Fall 2015

- Debugged Android app sold to other businesses to manage internal phone calls efficiently; used Eclipse IDE

Discrete Math Tutor (Honors class), UTD 2014-2015

Taekwondo Instructor (3rd degree black belt), Lee's US Taekwondo 2008-2015

- I created a Taekwondo app called "Taekwondo Instructor Manual" to help me teach students faster as a guide

SIDE WORK

React Native iOS and Android Developer (TypeScript), 2023

- Published two apps in the Apple App Store and Google Play Store – reading NodeJS API. One is called "Naruto Info"
- Fixed various bugs in "Jrnyfy" mobile app, which was written in React Native, created app for client "Capfluencer"

Java Android App Developer

- Competed in final round of JP-Morgan's 2016 Code for Good, featured in the Houston Chronicles newspaper
- Programmed Android arithmetic mobile calculator, coded a couple iOS applications Objective C, buttons and text

Miscellaneous

- Traveled to England, France, Germany, Spain, Italy, Canada, China, South Korea, Japan, Malaysia, Thailand
- Discrete Math Research on Hamming Distances (Spring 2016-present)
- Play piano, guitar, banjo, ukulele, mandolin – I created mobile app "String Bar" to tune my instruments / view chords
- Gave a talk to Computer Science Teachers' Association at UTD to over 200 high school teachers
- Hobbyist car mechanic. 525 Digital Multimeter (DMM) Certified, can change oil / battery / tire and other
- 3 Certifications in Microsoft Azure, Terraform, and MuleSoft (API). Some experience in Kubernetes