

Andrew Hsu

Linked in: [linkedin.com/in/andrew-hsu-tx](https://www.linkedin.com/in/andrew-hsu-tx)

Personal Website: andrewhsu7.github.io

Education: **B.S. Computer Engineering**, Graduated May 2017
The University of Texas at Dallas

Technical Skills: **Prog. Languages:** C, C++, Java, Arduino, Assembly, Verilog, HTML, CSS, JavaScript, Python, Typescript, .Net/C#, Unity
Certifications: AWS Certified Cloud Practitioner
Software Applications: MS Office, Microsoft Visual Studio, Git/GitHub, Tableau

- 2 years experience working in an Agile and Scrum team. This includes identifying business need, use cases, creating stories, writing acceptance criteria, and story pointing.
- 5 years of experience in software development using Visual Studio, Visual Studio Code, and IntelliJ

Professional Experience:

Software Engineer	Fidelity Investments	Dec.2019-Current
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Associate Software Engineer	Fidelity Investments	Feb. 2018-Dec.2019
<ul style="list-style-type: none">- Worked with technology teams and business partners to deploy and upgrade the operating system of 12000+ virtual desktops in the call centers and investor centers- Experience running software and hardware pilots across the enterprise. This process includes:<ul style="list-style-type: none">• Identifying pilot users• Working with deployment teams to install software/procurement to deliver equipment to users• Gather feedback from the users and making changes to deployment processes based on feedback. Additionally, creating job aids/training material for the business- Worked with business partners and 3rd party vendors to create a new process within the call centers; this process allows associates to order bundles that would include equipment so that they can work from home- Experience working with 3rd party SaaS (software as a service) vendors to evaluate suitability of vendor products in respect to business needs- Various scripting and programming for internal applications- Hardware and software testing before the solution is rolled out to the business		

Leap Software Engineer	Fidelity Investments	Sept.2017-Feb.2018
<ul style="list-style-type: none">- Learned to create, design, and manage databases using SQL and Oracle DB- Learned to create REST APIs and other middle tier functionalities using Java (w/ MyBatis and Spring Framework), also learned how to test said middle tier using JUnit- Learned to maintain and create front end sites using Angular. Used Python to prepare and organize data to put into BigML (a machine learning tool). Used BigML to create machine learning models to generate suggestions for customers based on their behavior. Using UIKit and JQuery, work on CSS changes and inline Javascript functionality for an internal site		

Instructor	MinecraftU	Summers 2015-2016
<ul style="list-style-type: none">- Taught children (K-8) the basics of Java programming and LUA scripting in the context of the game Minecraft. Also showed how to use pre-existing classes and methods as templates to create custom game assets		

Professional Classes

Vendor Relations

Course over how to manage relationships with 3rd party vendors and how to work across the business to create a favorable outcome for the firm.