

angela may xie

contact

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www.amx.space

languages

proficient in Java, C++,
C, Javascript, and
HTML/CSS

experienced in Python,
Matlab, and x86
Assembly

technical skills

Unix and Linux
Git
Android development

interests

machine learning
artificial intelligence
machine vision
front-end engineering
HCI and UX
art, art history
literature, poetry
feminism

education

2014 to now **The University of Texas at Austin** Austin, TX
Bachelor of Science in Computer Science - *Turing Scholars Honors*
Bachelor of Arts in Plan II Honors
Cumulative GPA: 3.82

relevant honors coursework

2015 - 2016 Operating Systems, Machine Vision and Computer Vision, Distributed
Systems and Computing
2014 - 2015 Data Structures and Algorithms, Discrete Math, Computer Architecture

work experience

Summer 2016 **Google - Software Engineering Intern** TBD
TBD
Summer 2015 **IBM - Software Engineering Intern** Austin, TX
Developed apps for IBM Bluemix's new Guided Experience that
demonstrated Bluemix services and incorporated open-source libraries
such as Node.js, Mosca MQTT, Paho, and Jade
Developed and helped design version 1 of the Bluemix Guided Expe-
rience Architecture Center website
Implemented code patches in DEMOcentral firewall

selected projects

Fall 2015 **Operating System Kernel** Operating Systems
Created a simple x86 32-bit operating system kernel
Implementations include threads, the heap, locks, automatic reference
counting, virtual memory, and a FAT filesystem using C, C++, x86 As-
sembly, and no standard libraries.
Spring 2015 **Virtual Graffiti Android App** HackDFW
App allows users to photograph their environment, draw on top of the
pictures, and then submit their work to a gallery based on location.
Fall 2014 **TSoogle** Data Structures and Algorithms
Web Crawler crawls and indexes a web.
Query Parser parses a query using a token tree and retrieves relevant
pages from Web Index.

activities and awards

Lean In Co-Founder of UTCS Chapter, organized three Lean In Circles
Women's Resource Agency Active participant in weekly discussions
Kids Who Code Introduces computer science topics to KIPP middle schoolers
WiCS Nell Dale Mentor Mentor to freshmen women double-majoring in Plan II and
Computer Science
Alfred and Nell Dale Family Scholarship awarded to undergraduate women, 2015
Turing Scholars Honors Scholarship awarded to incoming freshmen, 2014