

# angela may xie

## contact

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## 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 Experience 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 Assembly, 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** 2015 - 2016 school year  
**Turing Scholars Honors Scholarship** 2014 - 2015 school year