

# William Han

<http://www.cs.utexas.edu/~copperst>  
<https://www.linkedin.com/in/william-han-a581b912a/>  
[william.han.7244@gmail.com](mailto:william.han.7244@gmail.com) | 817.235.5763

## EDUCATION

### UNIVERSITY OF TEXAS AT AUSTIN

#### SOPHOMORE

COMPUTER SCIENCE MAJOR,  
BUSINESS MINOR

Expected May 2020 | Austin, TX  
GPA: 3.75/4.00

## LINKS

Github Username: [copperstick6](#)

## INTERESTS

ML, AI, Distributed Systems, Chatbots  
Neural Networks, Signal Processing

## COURSEWORK

### FUTURE:

CS439- Operating Systems  
CS375- Compilers

### TAKEN:

CS378- Longhorn Startup  
CS429- Computer Architecture  
CS314- Data Structures  
CS311- Discrete Mathematics

## ORGANIZATIONS

ISSS (InfoSec org)- Logistics  
Lead/Ex-VP  
CS Roadshow - Engineering Officer  
Freetail Hackers - Engineering Officer

## SKILLS

### PROFICIENT:

Java, Python 3.5/2.7, Git  
Flask, HTML/CSS, x86, y86  
ReactJS, NodeJS, JavaScript  
mySQL, actions-on-google, flask-ask

### FAMILIAR:

C, C Sharp, .NET Core, Android,  
MeteorJS, C++

### EXPOSURE:

Swift, Angular 2, PHP

## WORK EXPERIENCE

### HONEYWELL | SOFTWARE ENGINEERING INTERN

May 2017 - August 2017 | Atlanta, GA

- Created a web interface to allow managers to track freight shipments
- Utilized ReactJS/NodeJS to create page and Azure to deploy solution
- Solution released and utilized by DHL

### RAPID DILIGENCE | FULLSTACK DEVELOPER

Nov 2016 - May 2017 | Austin, TX

Company that provides due diligence reports for e-commerce businesses

- Built a web scraper with Java Maven to verify domain registration restriction for any given website and deployed the Maven application as a .jar file to AWS
- Created an xls/xlsx/csv parser for our MeteorJS application. Used NodeJS' xlsx package to parse the excel files in the backend

## SELECTED PROJECTS

ALL CODE CAN BE FOUND ON MY GITHUB

### SEEGREEN | EARTHACK/HACKDFW | APRIL 2017

- Used Microsoft's OCR API to identify objects and IBM Bluemix to slowly learn and categorize different objects.
- Created an NLP chatbot to interact with the user and inform them of proper disposal techniques
- Deployed both features into an Android App

### TAUTALK | EARTHACK/HACKDFW | APRIL 2017

- Implemented a lead capture tool for marketers using Amazon Alexa
- Employed Flask to allow users to modify their app through POST requests, and Flask-ask to serve requests by Alexa to the application

### FOLIO | HACKUTD | FEBRUARY 2017

- Constructed an Android application to allow users to easily scan/send/receive business cards and resumes
- Utilizes OpenCV for scanning, NFC/Android Beam for sending data

### SAFE | HACKTX | OCTOBER 2016

- Assembled an Android application that creates a feed of crimes, natural disasters, and weather data for the user based on their location.

## AWARDS

2017	SeeGreen	Earthack	Best Environmental Impact Hack
2017	TauTalk	Earthack	Google Home Challenge Winner
2017	Rapid Diligence	LEA	Startup of the Year
2016	SAFE	HackTX	Best Hack for Social Good
2016	LotusETC	Jane Street	5 <sup>th</sup> place overall/24 teams