

SOFTWARE DEVELOPER . COMPLITER SCIENCE MA LOS

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Education

Rice University Houston, TX

B.S. IN COMPUTER SCIENCE

August 2016 - May 2020

- Relevant coursework COMP 140 (modeling computation artifacts; design and implementation of algorithmic solutions in Python) |
 COMP 182 (Algorithmic thinking with discrete math)
- Awards: 3rd place in Rice University Undergraduate Elevator Pitch Competition (1000 USD prize)

Skills _____

PROGRAMMING AND ENGINEERING

Recent Experienced with, Python, HTML, CSS, Bash Scripting, XML Programming

Former Familiar with, Objective C, Application of GMT Scripts, Java, Robot C, ANSI

Recent Experienced with, Inventor (3D modeling), Circuit Design and Programming, VEX

Engineering

Experience __

UT Center for Space Research (NASA Grant)

Austin, TX

PAID INTERN

July 2015 - August 2015

- · Computational analysis of 2 trillion points of high-rate airborne laser altrimetry data from ICESat Satellite
- Design and program code for graphical analysis of speculative reflection and satellite calibration (Objective C, Bash, GMT Scripts)

Leadership

Rice University Computer Science Club

Houston, TX

FRESHMAN REPRESENTATIVE

October 2016 - PRESENT

• Founded and organized Hack and Learn (a three day event with workshops and a mini Hackathon to diversify the skill sets of Rice students)

Projects _____

LILIE New Entrepreneurs Grant

Houston, TX

GRANT RECIPIENT | FOUNDER

June 2016 - PRESENT

 Received 10,000 USD to create a start up from Project Modulate (a modular calculator) with a partner from Rice University's Liu Idea Lab for Innovation and Entrepreneurship

HackRice Houston, TX

Organizer | Participant

October 2016

- Assist in organization and coordination of Rice University's annual hackathon
- Built APK "Sandals" a social media platform targeting isolated groups within social networks

CodeREDHouston, TX

AWARD RECIPIENT | PARTICIPANT

October 2016

- Won challenge "Best Use of IBM Watson" at the University of Houston's CodeRED Hackathon
- Built APK "Owl Security" a security system that uses image recognition to automatically identify and resolve security hazards

Pennapps XV Houston, TX

Participant January 2017

• Built a raspberry pi circuited interface that converts audio into an LED equalizer and synchronized set of vibration motors to redefine the way that deaf people can experience music