

Xilei Zhu

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Education

Virginia Tech

Bachelor's Degree

Honors Industrial and Systems Engineering

Blacksburg, VA

Aug/2019 - May/2023

Research & Intern & Other Experience

UG Research: Augmented Perception to Support Use of Whole-body Exoskeletons

Virginia Cognitive System Engineering, Virginia Tech

Blacksburg, VA

Sept/2020 - Present

Business Development Intern

China Telecom Americas

Remote

June/2020 - Present

Co-Founder

LEGO User Group, Virginia Tech

Blacksburg, VA

Oct/2019 - Present

Media Department Director of Student Union

Zhejiang Fuyang High School

Hangzhou, China

Sept/2017 - May/2018

Media Specialist

Techomedia, Shanghai World Foreign Language Academy

Shanghai, China

Mar/2017 - Mar/2018

Volunteer

The Second Affiliated Hospital of Zhejiang University School of Medicine

Hangzhou, China

Feb/2017 - Aug/2018

Hackathon & Projects

PENNAPPS 2020

Corona Helping Hands - A donation website for hospitals struggle with PPE shortages amid new COVID-19 surges

Online

Sept/2020

MedHacks 2020

Mementos - an app that addresses the intersection of memory loss, loneliness, and inexperience with technology among the elderly.

Online

Sept/2020

THE HACK 2020

Curiosity- A platform for smart refrigerators. Contains Android, Monitor and different Sensors.

Online

July/2020

Vandyhacks Summer Edition

LiveLinePlus - A web app that helps people chasing, self-checking and reporting COVID-19 cases.

Online

July/2020

HACK SC 2020

Persist - A smart Home platform based on Google Home.

Los Angeles, CA

Feb/2020

THE HACK 2019

Master-Yao Ji - A kind of smart pillbox that could remind old people to take medicine in time and automatically dispenses each dose.

Shanghai, China

July/2019

THE HACK 2018

Organizer

Shanghai, China

Jan/2018 - July/2018

Hack.init() 2017

Microcosm - An interactive learning platform of biological-based on MR. Designed for education.

Shanghai, China

July/2017

2017 4th Unique Hackday

AI Education - A MR program made for primary and secondary school students.

Wuhan, China

May/2017

Robotics

'Infantry' Project Operation

RoboGrinder, Virginia Tech

Blacksburg, VA

Sept/2020 - Present

Mechanical Group Member

RoboGrinder, Virginia Tech

Blacksburg, VA

Sept/2019 - Present

Electric Department Mentor of Team 7146

Shenzhen RDF School

Shenzhen, China

Apr/2019 - July/2019

Co-Founder of FIRST Robotics Competition Team 7586

Hangzhou Foreign Language School

Hangzhou, China

July/2018 - Mar/2019

PATENT

A kind of electromagnetic shielding cable that applied on robot

CN209607440U

CHINA Nov/2019

Awards

PENNAPPS 2020 Best Use of Google Cloud - COVID - 19 Hackathon Fund

Sept/2020

THE HACK 2020 Phase 1 Team Winner

July/2020

Virginia Tech Tech Together Campaign Phase 1 Team Winner

July/2020

Virginia Tech Innovation in Chemical Education—Evaluation Fellow

Nov/2019

2019 Off-Season FRC Competition - Hangzhou, Best Quality Award

July/2019

2018 Off-Season FRC Competition - Hangzhou, Best Design Award

July/2018

High School Third-class Scholarship

Sept/2016 - May/2018

Skills

Java, Python, HTML, SolidWorks, Google Cloud Platform