Xilei Zhu

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Education

Virginia Tech

Bachelor's Degree	Blacksburg, VA
Honors Industrial and Systems Engineering	*Aug/2019 - May/2023*

Research & Intern & Other Experience

UG Research: Augmented Perception to Support Use of Whole-body Exoskeletons	Blacksburg, VA
Virginia Cognitive System Engineering, Virginia Tech	*Sept/2020 – Present*
Business Development Intern	Remote
China Telecom Americas	*June/2020 – Present*
Co-Founder	Blacksburg, VA
LEGO User Group, Virginia Tech	*Oct/2019 – Present*
Media Department Director of Student Union	Hangzhou, China
Zhejiang Fuyang High School	*Sept/2017 - May/2018*
Media Specialist	Shanghai, China
Techomedia, Shanghai World Foreign Language Academy	*Mar/2017 - Mar/2018*
Volunteer	Hangzhou, China
The Second Affiliated Hospital of Zhejiang University School of Medicine	*Feb/2017 – Aug/2018*

Hackathon & Projects

MedHacks 2020	Online
Mementos - an app that addresses the intersection of memory loss, loneliness, and inexperience with technology among the elderly.	*Sept/2020*
THE HACK 2020	Online
Curiosity- A platform for smart refrigerators. Contains Android, Monitor and different Sensors.	*July/2020*
Vandyhacks Summer Edition	Online
LiveLinePlus - A web app that helps people chasing, self-checking and reporting COVID-19 cases.	*July/2020*
HACK SC 2020	Los Angeles, CA
Persist - A smart Home platform based on Google Home.	*Feb/2020*
THE HACK 2019	Shanghai, China
Master-Yao Ji - A kind of smart pillbox that could remind old people to take medicine in time and automatically dispenses each dose.	*July/2019*
THE HACK 2018	Shanghai, China
Organizer	*Jan/2018 - July/2018*
Hack.init() 2017	Shanghai, China
Microcosm - An interactive learning platform of biological-based on MR. Designed for education.	*July/2017*
2017 4th Unique Hackday	Wuhan, China
AI Education - A MR program made for primary and secondary school students.	*May/2017*

Robotics

'Infantry' Operation	Blacksburg, VA
RoboGrinder, Virginia Tech	*Sept/2020 - Present*
Mechanical Group Member	Blacksburg, VA
RoboGrinder, Virginia Tech	*Sept/2019 - Present*
Electric Department Mentor of Team 7146	Shenzhen, China
Shenzhen RDF School	*Apr/2019 – July/2019*
Co-Founder of FIRST Robotics Competition Team 7586	Hangzhou, China
Hangzhou Foreign Language School	*July/2018 – Mar/2019*

PATENT

A kind of electromagnetic shielding cable that applied on robot	*CHINA Nov/2019*
CN209607440U	

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