

XILEI ZHU

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EDUCATION

Georgia Tech Bachelor of Industrial Engineering in Supply Chain Engineering	Jan. 2021 - Present GPA: 3.71/4.0
Virginia Tech Industrial Engineering, Honors College -Dean's List with Presidents Distinction standing for the Fall Semester, 2020	Sep. 2019 - Dec. 2020 GPA: 3.79/4.0

WORK EXPERIENCE

ByteDance, China Associate Product Manager Intern	July. 2021 - Dec. 2021
<ul style="list-style-type: none">· Led the market research on smart-hardware, wrote research reports and reported to the Product Team· Found the best ISO and shutter speed of the camera sensor for the software team to improve the accuracy of the neural network dimming algorithm· Conducted market research on new form products with the User Research Team, made research reports to company management for decision making· Conducted research and testing on camera-related hardware designs for next year's products· Led the market research on dual-camera use-cases; helped the team on different types of camera selection· Assisted the Operation Team in pre-launch user testing of new products	

UNDERGRADUATE RESEARCH/PROJECT

3D Printing and printed electronics	Mar. 2021 - May. 2021
<ul style="list-style-type: none">· Designed the circuit and used the Aerosol Jet printer to print circuits on the wafer	
Augmented Perception to Support Use of Whole-body Exoskeletons	Sep. 2020 - Dec. 2020
<ul style="list-style-type: none">· Conducted a user study with VR goggles· Designed the User Interface for VR goggles by using Unity· Helped graduate students to collect data from volunteers	
Virginia Tech RoboGrinder Club 'Infantry' Project Operator	Sep. 2020 - Dec. 2020
<ul style="list-style-type: none">· Coordinated the progress with other projects by weekly meeting with group members· Built the team database for new member training on Google Drive· Wrote user manual for mechanical devices· Managed the time schedule for each sub-project to use the warehouse during the COVID-19· Improved the visualization of the ballistic test software (Python)	
Virginia Tech RoboGrinder Club 'Infantry' Project Mechanical Group Member	Sep. 2019 - Jul. 2020
<ul style="list-style-type: none">· Designed robots' chassis with SolidWorks.· Manufactured robots by using mini-CNC machines.· Conducted Ballistic test and Chassis endurance test.	

HACKATHON

PENNAPPS 2020 Corona Helping Hands – A donation website for hospitals struggle with PPE shortages amid new COVID-19 surges.	- Best Use of Google Cloud – COVID – 19 Hackathon Fund	Sep. 2020
<ul style="list-style-type: none">· Proposed the main idea, and built the front-end website by using HTML and CSS language.		

SKILLS

Programming Languages	Python, SQL, Java, HTML
Software	MATLAB, SolidWorks, AE, PS