

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 · 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	Product Manager Intern - Educational Hardware July. 2021 - Dec. 2021
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UNDERGRADUATE RESEARCH/PROJECT

3D Printing and printed electronics · Designed the circuit and used the Aerosol Jet printer to print circuits on the wafer	Mar. 2021 - May. 2021
Augmented Perception to Support Use of Whole-body Exoskeletons · 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	Sep. 2020 - Dec. 2020
Virginia Tech RoboGrinder Club · 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)	'Infantry' Project Operator Sep. 2020 - Dec. 2020
Virginia Tech RoboGrinder Club · Designed robots' chassis with SolidWorks. · Manufactured robots by using mini-CNC machines. · Conducted Ballistic test and Chassis endurance test.	'Infantry' Project Mechanical Group Member Sep. 2019 - Jul. 2020

HACKATHON

PENNAPPS 2020 Corona Helping Hands – A donation website for hospitals struggle with PPE shortages amid new COVID-19 surges. · Proposed the main idea, and built the front-end website by using HTML and CSS language.	- Best Use of Google Cloud – COVID – 19 Hackathon Fund Sep. 2020
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SKILLS

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