XILEI ZHU

564 Centennial Olympic Park Dr NW, Atlanta, GA 30313 | xileizhu@gatech.edu | (540)257-2620 | linkedin.com/in/xilei-zhu

EDUCATION

Georgia Tech	Jan. 2021 - Present
BS in Industrial Engineering	Expected Dec 2023
MS in Supply Chain Engineering	Expected Aug 2024
Virginia Tech	Sep. 2019 - Dec. 2020
Industrial Engineering, Honors College	

WORK EXPERIENCE

ByteDance, China   *Associate Product Manager Intern*   July. 2021 - Dec. 2021

· Reduced the new product cost by more than 10% by designing and executing experiments for key components design and functional verification, including the camera sensor's FOV, depth of focus, and placement(height, angle, horizontal or vertical)
· Cooperated with the User Research Team to do market research(15 families) on new form products and user interviews for Dali-lamp T6 series
· Cooperated with the Operation Team to do user testing and interview(20 families) for pre-launch of Dali-lamp Y6

UNDERGRADUATE RESEARCH/PROJECT

Airplane Repair with Composite Materials   *Research Student*   Mar. 2022 - Present

· Doing tests and data analysis on the use of space-grade carbon fiber for aircraft repair

Agile Communication Architectures   *Hardware Team Member*   Jan. 2022 - May. 2022

· Got to know the experiment design and algorithm of indoor MIMO localization and conducted a report for next semester's experiment. (Vertically Integrated Project)

3D Circuits Printing   *Research Student*   Mar. 2021 - May. 2021

· Helping PhD student on circuit printing to find the best printing liquid for different base materials

Augmented Perception to Support Use of Whole-body Exoskeletons   *Research Student*   Sep. 2020 - Dec. 2020

· Conducted a user study(15 students) with VR goggles
· Designed a User Interface for use case of Whole-body Exoskeletons by using Unity

Virginia Tech RoboGrinder Club   *'Infantry' Project Operator*   Sep. 2020 - Dec. 2020

· 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

Virginia Tech RoboGrinder Club   *'Infantry' Project Mechanical Group Member*   Sep. 2019 - Jul. 2020

· Designed robots' chassis with SolidWorks.
· Manufactured robots by using mini-CNC machines.
· Conducted Ballistic test and Chassis endurance test.

HACKATHON

PENNAPPS 2020   **- Best Use of Google Cloud – COVID – 19 Hackathon Fund**   Sep. 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.

SKILLS

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