

Zhipeng Zhao

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Rochester, NY

EDUCATION

Syracuse University	Sep 2022 - Dec 2023
Civil Engineering, Master ,College of Engineering & Computer Science	Syracuse, NY
Related Coursework: Project Management, Lean Production Principles, Estimating & Scheduling, Engineering Design, Statistics	
Thesis Research: Lean Principles, Process Optimization, Mitigate Worker's Mental Problems	
University of California, Davis	Sep 2015 - Dec 2019
Civil Engineering, Bachelor ,College of Engineering	Davis, CA
Related Coursework: Mathematics, Physics, Engineering Design, Computer Science	
Honor: Dean's List (Spring 2018)	

PROFESSIONAL EXPERIENCE

Syracuse University	Nov 2022 - Dec 2022
BIM Modeler	Syracuse, NY
Independently completed the data measurement and 3D modeling of the second floor of Link Hall in Syracuse University.	
Convert AutoCAD 2D blue print to 3D Revit Model.	
The 3D model is used for building information archive.	
Shenzhen HappyAll Network Technology Co., Ltd.	Mar 2021 - May 2022
Junior Game Producer	Shenzhen, China
Research and analyzed competitive games in the market, grasping market dynamics.	
Assisted in new product development, in charge of designing and implementing UI, function and in-game mechanisms.	
Participated in game system design as an executive planner.	
In charge of making sound effects for cut scenes and in-game combat.	
China Railway 14th Bureau Group Co., Ltd.	Oct 2020 - Dec 2020
Office Assistant	Zaozhuang, China
Participated in the construction project of Zaozhuang College's new campus, assisting in project management.	
Coordinated with the technical team to conduct simulation operations and testing. Responsible for organizing, categorizing and managing documents.	
Beijing Urban Construction	Jul 2020 - Sep 2020
Office Assistant	Zaozhuang, China
Researched, analyzed, and summarized project information to ensure the accuracy of work.	
Assisted in monitoring work quality, costs, and progress.	
Regularly prepared and submitted relevant work reports.	

PROJECT EXPERIENCE

Launch Service Structure (LSS) Structural Design	Sep 2018 - May 2019
Project Personnel	
Independently completed the calculation of fixed and some variable loads on the launch service structure.	
In charge of truss and conjunction designs.	
Utilize SAP2000 tool to perform stress analysis on the overall structure, ensuring it meets design standards.	
Farm Management Software and Equipment Development	Sep 2017 - Dec 2017
Project Personnel	
Integrated development using Python programming and Raspberry Pi hardware.	
Designed and implemented a soil nutrition, temperature, humidity and light detection system for small-scale farms.	
Designed an intuitive and user-friendly computer-based interface for software, facilitating user management and data viewing.	

SKILLS LIST

Skills: Project Management, Resource Allocation, Estimating & Scheduling.
Proficient in using Microsoft Suite: Word, Excel and PowerPoint.
Design Softwares: AutoCAD, Photoshop, GIMP, Adobe Premiere.
Programming: Python , C# and Lua.
Fluent in English, Mandarin(Native) and Japanese.