JingChang Xiao

Contact Information

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Education

University of Toronto, Toronto, ON — Sep 2012 - Apr 2017
Mechanical Engineering, Bachelors of Applied Science
Specialization in Solids and Mechatronics Streams

University of Toronto — Jan 2021 - Apr 2021
School of Continuing Education, Toronto, ON
Certification in Web Development

Skills & Qualifications

- Excellent oral and written communication skills (fluent in English)
- Work well both independently and as part of a group
- Quick learner who can easily pick up new information
- Experience with project management software (e.g. Solidworks PDM, CATIA 3DE)
- Very familiar with Microsoft Office
- Experience working with VSCode and Visual Studio
- Experience working with C, C#, Javascript, HTML, CSS, NodeJS, ReactJS

Professional Experience

Design Engineer — July 2017 - Apr 2020
Array Marketing
- Designed 3D display systems for use in retail environments with considerations for ease of manufacturing/assembly, cost of materials and assembly complexity, and overall aesthetics
- Communicated with project managers and clients to ensure all client requirements are met effectively and efficiently
- Created detailed manufacturing and assembly instructions, as well as BOMs for use in production and cost estimation
- Worked together with department managers to improve department workflow and efficiency
- Worked together with model makers to create accurate prototypes and resolve any potential issues

Review Engineering Assistant — Sep 2015 - Aug 2016
Ministry of Environment and Climate Change
- Reviewed Environmental Compliance Approval (ECA) Applications for Noise
- Drafted engineering assessments and ECA Certificates
- Verified acoustic and vibration calculations submitted by engineering consultants
- Engaged in professional communications with engineering consultants regarding their applications

Project Experience

Project Lead and Front End Developer — Aug 2020 - Sep 2020
Flexible Upskilling Network (FUN) Program
- Assisted in the creation of a basic functional website for a prescription tracker application using ReactJS
- Ensured team stayed on top of project deliverables and deadlines
- Initiated group discussions and distributed tasks to team members

References available upon request