

Annie Shengyi Huang

Mechanical Engineer, MBA

Contact

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Profile

MBA student graduating December 2024 with a Mechanical Engineering background, bringing experience from Porsche, Schaeffler, and Everbright Environment in operations, research, and product development. Demonstrated strong leadership and technical expertise as former aerodynamics lead for RIT Hot Wheelz, which won first place in the FSAE Hybrid Electric division, and consistently remained top contenders for years. With a blend of engineering and business skills, I am prepared to drive strategic success in dynamic environments.

Education

Rochester Institute of Technology

May 2022

Bachelor of Science in Mechanical Engineering
Energy and Environment Concentration, Scholarship
Environmental Studies Minor

Dec 2024

Master of Business Administration
STEM MBA

Program GPA: 3.633

Experience

May 2020 – Oct 2020

Sales Operation Intern, *Porsche Motors Limited*

- Conducted in-depth competitor and market analysis, producing detailed reports that informed the company's strategy and competitive advantage.
- Generated comprehensive sales reports covering quota achievement, product lifecycle monitoring, forecast accuracy, and market share for daily and monthly business reviews, providing actionable insights to senior management.
- Tracked and analyzed key government policies, economic indicators, and automotive sales trends to influence strategic decision-making and market positioning.
- Helped to Maintain critical sales operation tools such as Delta Master and Porsche's ad-hoc database

Jan 2019 – Aug 2019

R&D Engineer Intern, *Schaeffler Group*

- Conducted comprehensive root cause analysis on e-Axle gearbox prototypes in collaboration with cross-functional engineering teams, enhancing product development and operational efficiency.
- Delivered over 30 detailed reports and presentations on returned parts analysis, providing valuable feedback to the manufacturing division and headquarter.
- Supported new project acquisitions by organizing and analyzing data, and collaborating with purchasing and legal teams to ensure successful execution.

June 2018 – Aug 2018
June 2017

Product Engineer Intern and Research Assistant, *Everbright Environment*

- Contributed to the development of a Plasma Melting System for hazardous waste treatment by conducting CFD simulations and thermal analysis, optimizing system performance and environmental impact.
- Evaluated graphite electrodes from multiple suppliers, developing a decision matrix to support the preliminary design phase and ensure cost-effective solutions.
- Assisted in organizing the United Nations ECE People-First PPP Waste-to-Energy Guideline Meeting, demonstrating an ability to engage in global sustainability initiatives and collaborative international efforts

Aug 2016 – Jan 2019

Aerodynamics, *RIT Hot Wheelz*

- Directed design and integration of aerodynamic systems, contributing to consistent top finishes in FSAE competitions.
- Spearheaded materials research, enhancing vehicle performance and manufacturing processes.
- Lead the Aerodynamics team from 2017 to 2019