

Liu Yi

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PROFESSIONAL SUMMARY

Strong interest in developing engineering solution, particularly in processing and material engineering. Specialization in material engineering and project design and management, 2 years project leader experience in material engineering, 6 months project experience in group research, one internship in recruitment firm. Strength: Enthusiastic, fast-learner, creative and a strong team player.

CORE COMPETENCE

- Design (3D Max, ChemDraw)
- Data Analysis (Excel, origin)
- Communication
- Material Characterization
- Problem Solving
- Experiment
- Programming (Python, SQL)
- Critical Thinking
- Project Management

EDUCATION

National University of Singapore

Aug 2021 – Jan 2023

- M.S. in Material Science and Engineering
- Module: Materials Characterization, Basics of Structure and property, Corrosion of Materials, Energy Conversion and Storage, Magnetic materials, Advances in Polymeric Material, enterprise development.

DongHua University

Sept 2017 – Jun 2021

- B.Sc. in Textile Engineering
- Module: Engineering Mechanics, Fundamentals of mechanical design, Textile Material, Polymer Physics and Chemistry, High Performance Fibers and Products, Textile Composites.
- Awards: Academic First-Class Scholarship, Textile Innovation Top-Talent Scholarship

PROJECT EXPERIENCE

Techlaunch – Experimental Entrepreneurship

Aug 2021 – Jan 2023

- Conducted market research by researching market size and interviewing stakeholders to validate the feasibility of each market opportunities for pulsed electromagnetic field.
- Established business models and financial plans for each revenue stream.
- Created and Presented the business plans to venture capitals and received research funding of S\$750k.

2019 National College students' Innovation Project Leader

Mar 2021 – Mar 2023

Highly Stretchable and Biodegradable Protein/ Epoxy Ultrafine Fibrous Sensor Scaffold

- Designed the experimental process and outline, three-dimensional prototype modeling, also the allocation of the experiments among project members.
- Collected and analyzed data to evaluate the function of the scaffold by carrying out property tests on mechanical and electrical properties of the sensing scaffold.
- Obtained the qualification of Shanghai municipal's fund of 20k yuan.
- Finished all the experiments a year ahead by managing the team properly and used this project as graduation project as well as the thesis which ranked first-class.

WORK EXPERIENCE

RuiXi Human Resource Co. LTD

Jun 2020 – Sept 2020

Headhunting consultant intern

- Built good relationship with client companies and recommended premium Candidates by evaluating the resume and interview and forwarded prospective candidates to client and gave instructions to candidates.

VOLUNTEERING

'Belt and Road Initiative'- The 10th Textile College Student Aid Corps to XinJiang Jun 2019 – Sept 2019

- Organized volunteering donation of used books to help build a library in XinJiang province. Raised more than 600 books which takes 20% of total donation.
- Gave lectures on advanced textile technologies to factory workers for two weeks.