Huiming Shi

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Education

DIPLOMA | 2024- 2025 | CONESTOGA COLLEGE
Major: Biotechnology Technician

M.ENG. | 2014- 2018 | UNIVERSITY OF WATERLOO
Major: Systems Design Engineering

M.S. | 2003-2006 | PEKING UNIVERSITY, CHINA
Major: Fluid Mechanics

B.S. | 1999-2003 | PEKING UNIVERSITY, CHINA
Major: Mechanics and Engineering

Work Experience

DEVELOPER | 2021 | FACULTY OF MATHMATICS, WATERLOO, ON
Front-end developer, worked on a web app

DEVELOPER | 2018-2019 | ZERONE LAB, WATERLOO, ON
Front-end developer, developed a mobile app with wechat mini program

SOFTWARE TESTER | 2018 | NUANCE COMMUNICATIONS, WATERLOO, ON
Ran manual and automation tests for printer management.

DEVELOPER | 2016-2017 | KANG HE XIN TECHNOLOGIES, BEIJING, CHINA
Front-end developer, developed mobile apps with ionic framework

ENGINEER | 2011-2012 | NASOFT CO.LTD, BEIJING, CHINA
Engineer in drainage system database. Worked with GIS and SWMM model. Project: Information system for the drainage network of Kunming

RESEARCH ASSISTANT | TSINGHUA UNIVERSITY, CHINA | 2006-2011
Research assistant in computational fluid mechanics, work with Ansys Fluent, Matlab. Write scientific papers and project reports.

Qualifications and skills

· Solid background in applied math, mechanics and Finite Element Analysis

· Experience in lab works, literature research and scientific writing

· Working experience in FEA (CFD). GAMBIT, Ansys Fluent, Comsol Multiphysics, Matlab

· Working experience as a software developer. Git, docker, python, HTML, Javascript, CSS

· Working experience as a tester. Testrail, Jira, VMware, Postman

· Willing to learn something new, self-motivated