

Contact

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Top Skills

AWS Service Orchestration
Agile Project Management
DevOps

Certifications

AWS Certified Solutions Architect – Professional
AWS Certified SysOps Administrator – Associate
Blockchain Council Certified: Certified Blockchain Developer
Google Cloud Certified: Professional Data Engineer

Publications

Integrating Digital Twin Instance into Blockchain-Based Access Control governed by Smart Contracts

Yongchang He

School of Computing and Digital Innovation at Saskatchewan Polytechnic
Saskatoon, Saskatchewan, Canada

Summary

Proficient in cloud technologies; highly experienced in designing and developing cross-platform applications; skilled in project management and team collaboration.

Experience

Saskatchewan Polytechnic
Cloud Computing and Blockchain Instructor
August 2023 - Present (1 year 11 months)
Saskatoon, Saskatchewan, Canada

Professional Data Skills
Technical Writer
July 2023 - October 2024 (1 year 4 months)
Saskatoon, Saskatchewan, Canada

Prestige Lock & Door
Software Developer
June 2023 - December 2023 (7 months)
Saskatoon, Saskatchewan, Canada

University of Saskatchewan
Teaching Assistant
January 2023 - April 2023 (4 months)
Saskatoon, Saskatchewan, Canada

Course: Principles of Computer Science.
Assisted students in their learning journey as a Teaching Assistant.
Provided student support via email and/or Zoom for queries related to JavaScript and Python
Graded assignments through students' online learning systems.

Environmental Instruments Canada Inc.
Software Developer

April 2022 - April 2023 (1 year 1 month)

Saskatoon, Saskatchewan, Canada

Worked as part of a small team; involved in daily stand-ups and sprint retrospectives.

Used JavaScript for efficient project completion within agreed timelines.

Conducted comprehensive functional testing based on the use cases and project specifications.

Utilized Git for version control; collaborated effectively with team members.

Created comprehensive documentation to facilitate smooth collaboration, maintainability, and knowledge transfer.

Completed the RTK-GPS protocol design and earned high recognition from related stakeholders.

Education

University of Saskatchewan

Master's degree, Computer Science · (September 2021 - November 2023)

Northwestern Polytechnical University

Bachelor's degree, Computer science and technology