

Jichi Ge

778-682-6653 | ge.jic@northeastern.edu | www.linkedin.com/in/jichi-ge/ | github.com/JichiGe

EDUCATION

Northeastern University

Master of Science in Computer Science – Align

- Courses: Discrete Structures, Object-Oriented Design, Database Management Sys, Algorithms

Vancouver, Canada

Jan. 2023 – Present

University of Rochester

Master of Science in Finance

Rochester, U.S

Jun. 2017 – Dec. 2018

Montana State University

B.S in Business

- Graduated with Honors

Bozeman, U.S

Sep. 2010 – Dec. 2015

PROJECTS

Urban Route Optimization Project | *Python, Git, OSMnx, NetworkX, Folium* 🗺️

Sep. 2023 – Nov. 2023

- Pioneered an inventive project in Vancouver, leveraging graph theory and geospatial data analysis tools like OSMnx and NetworkX
- Addressed intricate urban travel challenges by optimizing routes for multiple destinations, enhancing overall user efficiency
- Implemented visualizations of paths and location results using Folium, incorporating PolyLine and markers for a comprehensive and user-friendly display

Bird Strike Incidents Database | *MySQL, R, SQL* 🐦

Sep. 2023 – Nov. 2023

- Developed a comprehensive database supporting an app for pilots to report wildlife incidents
- Executed data modeling, SQL statements, data loading, and in-depth analysis of bird strike incidents
- Designed visualizations and implemented stored procedures for efficient database management

TECHNICAL SKILLS

Languages: Java, Python, C, R

Frameworks: JUnit

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: Pandas, NumPy, Matplotlib, OSMnx, NetworkX, SciPy, Folium

Database Management: MySQL, SQLite