

Chun Hang (Henry) Chan

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EDUCATION

Master of Science in Geoinformatics
THE UNIVERSITY OF IOWA

Anticipated 2026 Spring

Bachelor of Science in Geography- Geographic Information Science Track
THE UNIVERSITY OF IOWA

Anticipated 2025 Spring

Bachelor of Arts in Music- Saxophone Performance
THE UNIVERSITY OF IOWA

2024 Spring

GPA: 3.58/4.0

SKILLS

- ArcGIS Pro (Geospatial Analysis)
- ENVI (Raster Data Analysis and Management)
- SQL (Database Management - Elementary Level)
- Microsoft Access (Data Analysis - Elementary Level)
- Python Computer Language (Programming - Elementary Level)
- SAS Computer Language (Statistical Method)

INTERNSHIP EXPERIENCE

Geospatial Data Intern

05/2024 - 08/2024

City of Cedar Rapids

- Utilized advanced GPS equipment and ArcGIS Online for data management and visualization
- Maintained and verified data accuracy in the ElementsXS asset management system
- Collaborated with engineering and public works teams to support infrastructure planning and maintenance
- Collected and updated GPS data for the storm drain system

WORK EXPERIENCE

Academic Research Assistant

05/2024 - present

The University of Iowa

- Conducted data analysis using Python, applying statistical methods for geospatial research
- Utilized SQL to manage and query large-scale datasets efficiently
- Authored an academic entry contributing to research in human mobility and family tree datasets
- Supervised and mentored high school student researchers, guiding them in data analysis and research methodologies
- Collaborated with professors and PhD students on research projects, integrating computational techniques with GIS

ACTIVITIES

Iowa Community Integrated Geography Organization (ICIGO)

01/2024 - present

Department of Geographical and Sustainability Sciences, University of Iowa

Geo-Social Lab – Lead by Dr. Caglar Koylu

Department of Geographical and Sustainability Sciences, University of Iowa

05/2024 - present

RELEVANT COURSES

- Computer Science I: Fundamentals 2024 Spring
- Geospatial Programming 2024 Spring
- GIS for Environmental Studies 2024 Spring
- Undergraduate Research 2024 Spring
- Intro to Environmental Remote Sensing 2024 Fall
- Health and Environmental: GIS Applications 2024 Fall
- Applied Linear Regression 2024 Fall

AWARDS

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| • University of Iowa Dean's List Honoree | 2021-2024 |
| • Music Scholarship from The University of Iowa School of Music | 2021-2023 |

LANGUAGE

- English (Full professional proficiency)
- Cantonese (Native)
- Mandarin Chinese (Full professional proficiency)
- Spanish (Beginner)