

JORRE DAHL

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Education

Middlebury College Class of 2025

Double major in Computer Science and Geography. GPA of 3.81. Relevant courses: Data Science, Geographic Information Systems, Data Structures, French, Cartography, and Computational Theory. Two-time National Finalist in Ultimate Frisbee.

Garfield High School, Seattle WA, Class of 2021

3.97 unweighted GPA. 13 AP classes: Computer Science, AB/BC Calculus, Statistics, etc. AP Scholar with Distinction (Average AP Score of 4.23). Engineering club, Ultimate Frisbee, Tennis. Took university coursework post-junior year.

Experience

Middlebury Student Researcher, February-August 2023

Data Analysis with Professor Peter Nelson, Geography Department / June-August 2023

- Tracked human migration using monthly phone data set (>1.1B rows) in collaboration with the US Department of Agriculture
- Performed analysis in R, created data visualizations of US migration from COVID

Data Visualization with Professor Jessica L'Roe, Geography Department / February-May 2023

- Created maps and graphs to show the effects of the WCS's efforts towards wellbeing in Sub-Saharan African Villages nearby conservation parks in collaboration with the Wildlife Conservation Society's Basic Necessities Survey program.
- Wrote R code and Shiny plugin to create a web-app

DiscNW, Regional Ultimate Frisbee Organization

Summer Camp Coach / June 2021-August 2022, Volunteer Coach / 2018 and 2019

- Mentored over 140 kids ages 8-18 and 12 coaches in training over two summers
- Led presentations, gave individual support, and accepted feedback

Projects

- Portfolio at <https://jorredahl.github.io/portfolio/>
- Projects in CS using data structures, memoization, and dynamic programming.
- Projects in GIS involving satellite data, area-weighted reaggregation, and analysis using both vector and raster data.

Skills Summary

Proficient in Java. Basic working proficiency in French and Spanish. High level proficiency in QGIS, Adobe Illustrator, and R.