Nicholas J. Ellingson
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Education

University of Minnesota   Minneapolis, MN
Computer Science Major   Anticipated Graduation May 2022
- 3.4 GPA
- Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Discrete Mathematics, Programming Principles, Calculus, Economics
- Dean's Honors List

Work Experience

Travelers   Saint Paul, MN
TLDP Intern   June 2021 – Present
- Supporting and maintaining data migration from legacy to cloud systems in Salesforce
- Performing insertions, exportations, and deletions of large sets of data in Salesforce
- Running SOQL queries to test solutions and retrieve object data
- Practicing full software development lifecycle including supporting DevOps and using Kanban Agile techniques
- Communicating with account executives for defects and enhancements on Salesforce and rating priority based on business need

American Family Insurance   Stillwater, MN
Insurance Representative   June 2019 – May 2021
- Managed insurance accounts of 2,000 plus clients, conducted analysis on client's policies making sure coverages were cost effective
- Analyzed our client's credit using an algorithm to help clients save money
- Led our agency in advertising by creating ads with Adobe Photoshop

Personal Projects

Personal Portfolio Project   Minneapolis, MN
- Used HTML and CSS to build and design a personal portfolio website
- Conducted a clean, responsive website for optimal user experience
- https://nickellingson.github.io/PersonalPortfolio/

Machine Learning Word Generator Project   Minneapolis, MN
- Created a bot that outputs random words and uses machine learning to learn over 100,000 words in milliseconds
- Used programming concepts like tree data structures and generics to make an instantaneous process

K-means Quantitative Algorithm Project   Minneapolis, MN
- Created the K-means algorithm in Python and learned vector quantization, taking clusters of information and then averaging the data
- Manipulated image's pixels, displaying the most prominent colors of the image

Information and Interests

Technical Skills Java, Python, C, OCaml, Unix, SOQL, Apex
Web & Design   HTML, CSS, Adobe Photoshop
Interests   Personal Portfolio Management, Cryptocurrency, 20 Handicap golfer, Programming