

## 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