Elliott Krohnke

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**Education**

**Bachelor of Computer Science,** Expected December 2021

College of Science and Engineering,University of Minnesota-Twin Cities, Minneapolis, MN

GPA: 3.14

**Coursework**

Coursework Includes: Program Design and Development, Algorithms and Data Structures, Climate Crisis: Solutions, Machine Architecture and Organization, Advanced Programming Principles, Introduction to Shakespeare.

**Professional Experience**

Tiny Footprint Coffee, *Brooklyn Center, MN*  
 **Tech Support/ Espresso Machine Repair** (Spring 2019 – Present)

* Customize company website to fit managers preferences. Cut website hosting fees in half by merging the two company websites into one.
* Implemented a new service for repairing home espresso machines. Increased customer satisfaction by diagnosing and repairing machine issues and finding and ordering uncommon parts.
* Designed Filemaker scripts that automate the creation of accounting records from online order data. Eliminated the need to manually add new products and variations to a rapidly changing product database.

University of Minnesota, *Minnesota State Fair*  
 **Undergraduate Research Assistant** (August 2019 – December 2019)

* Recruited fairgoers to participate in a data collection for machine learning and computer vision research.
* Exhibited initiative by learning about the experiment and then conceptualizing it into layman’s terms, thus allowing me to answer questions asked by curious possible participants. By doing this I succeeded in getting over 100 people to take part in the data capture.
* Synchronized images with their respective capture time, which allowed the data points from the camera to be fed into an algorithm. Outputs from this process were sent to a team of graduate students who then created avatars of the fairgoers body and facial movements.

Lakes International Language Academy, *Forest Lake, MN*  
 **Custodian/Lunch Monitor** (Winter 2017 - Spring 2019)

* Directed a noisy and chaotic lunchroom, which required leadership skills and Spanish fluency.
* Investigated complaints related to building maintenance by the staff of the school. Remedied a diverse set of problems which helped the school run efficiently.

**Skills**

* Languages: English, Spanish.
* Computer Languages: Java, Python, C, C++ (primary language), Liquid, Markdown, HTML.
* Programs: Office, Excel, Windows, Linux and Filemaker.

**Accomplishments**

**Eagle scout class of 2018:**

* Led a crew of 10 people to plant a garden around a flagpole at an Elementary School.
* Months of careful planning to ensure correct permits and plants.
* Meetings with school administration to ensure that the project would be perfect for their needs and that the budget would be used responsibly.