Kyle Foss

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**Summary:** Computer science graduate with experience in software design and development, customer service, and computer programming seeking a position where my skills and abilities can help add to an organization’s overall growth and success.

**Education:**

* B.A. Computer Science, Minors in Biology and Statistics graduated May 2018, University of Minnesota Morris
* Dean’s List

**Work Experience:**

Teacher’s assistant Jan 2018 – May 2018, Morris, MN

* Displayed attention to detail and communication skills grading first-year student Python assignments and providing helpful tips and feedback.
* Demonstrated responsibility and effective time management adhering to 48-hour turnaround time and consistently meeting deadlines.
* Proved leadership ability by assisting first-year students with software programming questions related to Python.

Teacher’s assistant Aug 2017 – Dec 2017, Morris, MN

* Displayed attention to detail and communication skills grading Java assignments and providing helpful tips and feedback.
* Demonstrated responsibility and effective time management adhering to 48-hour turnaround time and consistently meeting deadlines.

**Project Experience:**

* **Software Design and Development:** A unique semester-long course about building a

completed mood tracking web-app. The web-app was completed using a modified MEAN stack and an Agile workflow. Teams of 4-8 people for four two-week long iterations. The project concluded with 875 commits, 10,000 lines of code, and contributions from 23 people.

* **Machine Learning Project:** Created a neural network to classify email as being spam or not spam. The project was designed using Google Colab with tensorflow.
* **Point of Sales System:** Created a simple point of sales system for a theoretical movie theater using node JS, angular JS, and MySQL.
* **Sorting Competition:** The sorting is a multi-lab exercise on developing the fastest sorting algorithm for a data-type. My team placed 7th overall out of 14 teams.
* **Data Science Project:** Created a Shiny App using R-studio with storm damage data from NOAA.gov. Building the app involved data clean-up and statistical analysis. Users were able to view the data with an R library called leaflet.

**Programming:**

Main: Java, MySql, JavaScript, TypeScript, MongoDB, and HTML

Experienced: CSS, R, Bash, Neo4J and Python

Used in the past: C, R, Neo4J, Python, and C++

**Agile Experience:**

Inception deck, storyboarding, customer shopping sessions, stand-up meeting, and retrospectives

**Familiar Tools:** Git\Github, Spark, Node.js, Eclipse, IntelliJ, ZenHub, Atom, R-studio, Ant, Gradle, Maven, and Linux.