

Welcome!



I'm currently a student at the University of Minnesota pursuing a B.S. and M.S. of Computer Science. Interested in robotics, machine learning, artificial intelligence, graph databases, and rapid prototyping. Passionate about mentoring kids in their programming endeavours through CoderDojo Twin Cities. As an Eagle Scout, I've had experience working with and leading teams.

Skills

Python • C/C++ • Machine Learning • Git • Spark • Java • Go • Graph Databases • Docker • Gradle • OCaml • SQL • Microsoft Office • Technical Writing • UNIX Bash scripting • R • HTML and CSS • AWS/Cloud Computing • 3D printing

Education

B.S. of Computer Science • University of Minnesota Twin Cities • Class of 2021

3.8 GPA. Dean's List. A year ahead in coursework. Participate in Jazz Band and Pep Band. Courses taken include Data Science II, Algorithms and Data Structures, Intro to Statistics, and Intro to Operating Systems.

M.S. of Computer Science • University of Minnesota Twin Cities •
Class of 2022

Will take graduate-level classes starting in the Spring of 2021.

Diploma with Highest Honors • Robbinsdale Armstrong High
School • Class of 2018

4.0/4.0 GPA. AP Scholar Award in 2017 and 2018. Quiz Bowl Captain. Alto
Saxophone Section Leader in Marching Band. Participated in Jazz Band, Pep
Band, Marching Band, Pit Orchestra, and on the Varsity Tennis team.

Experience

Software Engineering Intern • Optum, A UnitedHealth Group
Company • Summer 2020

Developed a documentation and demonstration site for an internal de-
identification tool.

Software Engineering Intern • Optum, A UnitedHealth Group
Company • Summer 2019

Developed a financial and claims fraud detection system using a graph
convolutional neural network and graph database technology. The solution
developed is currently in the patenting process.

Mentor • CoderDojo Twin Cities • 2014 - Present

Coaches and inspires kids to create projects using programming and electronics
through single board computers and microcontrollers such as the Raspberry Pi
and Arduino.

Eagle Scout • October 2015

Developed communication and leadership skills through the planning and execution of Troop activities.

Retail Sales Specialist • REI Co-Op • 2016 - Present

Provide excellent customer service through good communication and teamwork with my coworkers.

Contact

Interested in working together? Contact me at:

- parker.erickson30@gmail.com
- 763-202-3059