Kyle Schnitzer

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Education

University of Michigan Ann Arbor   expected graduation: April 2024
- B.S.E Computer Science   GPA: 3.75/4.0
- relevant coursework: Programming and Introductory Data Structures, Discrete Mathematics,
  AP Computer Science A, Introduction to Engineering, Differential Equations

Skills

- C++, Java, HTML/CSS, Typescript/Javascript, Angular, Git, MATLAB, Linux/Ubuntu, Windows,
  Microsoft Office

Projects

Machine Learning in C++   April 2021
- designed and tested a classifier program to label and sort student posts on Q&A forum

Office Hours Queue in C++   March 2021
- implemented a REST API to interact with the EECS 280 office hours queue

Euchre in C++   February 2021
- programmed a fully functional euchre simulator
- included options for user to play against other humans or against a computer player that dynamically
  chooses cards based on the actions of other players
- designed and implemented an abstract data type to manage all aspects of gameplay

Computer Vision in C++   January 2021
- implemented a program which uses a smart seam carving algorithm based on a mathematical
  formula to dynamically resize an image to user specifications
- managed memory using pointers and dynamic memory allocation

Involvement

Michigan Hackers - Core/Member (Android)   September 2020 - present
- demonstrated passion and commitment to become an official Core member for a top campus CS
  organization in terms of company recognition, event activity, social media presence
- designed a UI for the Hungr application using Figma and Android Studio
- collaborated with backend team to ensure consistency of design

Work Experience

Epsilon Imaging, Inc - Software Engineering Intern   May 2021 - present
- designed and implemented a setup wizard page to assist users with initial app configuration
- developed a diagnostic feature to allow user to easily download log files from web server
- performed general maintenance of code