

PANKEEL SHAH

shahx317@umn.edu ◇ github.com/pankeelshah ◇ linkedin.com/in/pankeelshah/ ◇ (612) 618-9899

EDUCATION

University of Minnesota Twin Cities

Expected May 2021

Bachelor of Science in Computer Science

GPA: 3.68

Relevant Coursework: Algorithms and Data Structures, Artificial Intelligence, Operating Systems, Program Design and Development, Machine Architecture, Applied Linear Algebra, Discrete Structures

EXPERIENCE

University of Minnesota

August 2019 - Present

Undergraduate Teaching Assistant

Minneapolis, MN

- Serve as teaching assistant for Introduction to Computing and Programming Concepts
- Lead lab sections on a variety of topics
- Hold one-on-one hours with students, helping with debugging student work

Medtronic

May 2019 - August 2019

Software Engineering Intern

Mounds View, MN

- Worked as part of a Verification Testing Scrum Team
- Designed and managed human-readable acceptance tests using SpecFlow
- Developed automated tests to verify requirements for the CareLink Website using .NET and Selenium
- Used Team Foundation Server to manage project communication and version control
- Raised issues and collaborated with developers to ensure that website requirements are met

PROJECTS

FarmBaba

A convenient iOS/Android e-commerce app for farmers

- Worked as part of a three-person team to develop an app to help financially relieve farmers
- Developed a responsive, mobile friendly React Native front-end
- Implemented a back-end for this application in Node.js, using Firebase to store data

Bananalyst

An app that lets you take a picture of a banana and tells you if its safe to eat

- Developed a responsive, mobile friendly React Native front-end
- Implemented banana recognition using a custom TensorFlow neural net
- Created a trained model which predicted healthy bananas with an accuracy of 98%

EDetect

Desktop application that converts facial images into emotions

- Developed front-end user interface using Python
- Utilized Imgur API and Microsoft Emotion Detection API to compute emotion values

SKILLS

Languages: Proficient: Java, Python, C# | Previous Experience: OCaml, C, Javascript, MATLAB

Frameworks: Angular, React Native, .NET, Selenium

Tools: Git, TFS, Linux, SpecFlow, Octopus Deploy, Firebase, TensorFlow