

ADITYA HARSHVARDHAN

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Objective

To look for a full-time software development position (starting September 2021) to apply current knowledge and enhance problem solving ability.

Education

South Dakota State University

June 2020 - Current - Master of Science in Computer Science

- GPA- 4.0 (current)

South Dakota State University

Aug 2016 - May 2020 - Bachelor of Science in Computer Science

- GPA- 3.9 (overall)

College of Engineering Dean's List (August 2016 - Spring 2020)

Work Experience

South Dakota State University | Brookings, SD, 57007

Graduate Teaching Assistant August 22, 2020 – May 22, 2021

- Assisted assigned professor with ongoing research by reading research papers, suggesting best approaches to solve Computer Vision problems.

Daktronics | 201 Daktronics Dr, Brookings, SD, 57006-5128

Software Developer, Software Design Student January 20, 2020 – May 8, 2020

- Wrote unit tests in C# for new and existing code for in-house Daktronics manufacturing software (Angular + C# backend project with an in-house SQL server and C# project for the Task repository containing previously implemented complex display module diagnosis).
- Fixed bugs on the C# backend for Daktronics manufacturing web application using MS Visual Studio 2017, Git Source Control and Azure DevOps.
- Fixed minor UI bugs on the Angular Project.
- Fixed a production issue in the Daktronics Manufacturing C# Task Repository relating to manual bar code entry of the display modules.

Daktronics | 201 Daktronics Dr, Brookings, SD, 57006-5128

UI Automation, Software Design Student January 25, 2019 – January 17, 2020

- Wrote unit tests for new and existing code for *Show Control* (software used to deliver multimedia to multiple displays at stadiums, software used across USA and Europe with Daktronics Displays)
- Worked on the CodedUI Tests for *Show Control* until mid-2019.

- Designed Architecture and Migrated CodedUI Tests for *Show Control* to Appium/ WinAppDriver (Selenium based) framework using C# in MS Visual Studio 2017, Azure Source Control and Azure DevOps.

Daktronics | 201 Daktronics Dr, Brookings, SD, 57006-5128

Software Quality Assurance, Software Design Student March 5, 2018 – January 24, 2019

- Assisted in manual testing of Daktronics software by finding and reporting software deficiencies.
- Wrote test cases for manual software testing using Microsoft Team Foundation Server and Azure DevOps.
- Assessed a range of Daktronics Hardware including DMP-8000, DMP-5000, and VIP-5000s.

Personal Project

- Designed and Implemented a Car Rental System using Vue.js and Google Firebase (October 2020 to November 2020)
- Project Link- <https://github.com/Adityah835/jackrabbit-rent-a-car>