

Jayam Shah

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Education

BACHELOR OF SCIENCE | MAY 2021 | UNIVERSITY OF ILLINOIS

- Major: Computer Science
- Related coursework: Data Structures, Computer Architecture, Database, Internet of Things

Experience

SOFTWARE ENGINEERING INTERN | STATE FARM | JAN 2019 – PRESENT

- Develop social media/digital marketing helper app for State Farm agents
- Write software to monitor agent microsite activity and offer advice on improving digital presence
- Develop with ReactJS and Java

SOFTWARE ENGINEERING INTERN | CONTINENTAL AG | MAY 2018 – AUGUST 2018

- Automated testing process of in-vehicle telematics modules
- Reduced package validation time from days to hours
- Assembled test suite to verify integrity of new software releases

TECHNICAL CONSULTANT | OTCR CONSULTING | JAN 2018 – MAY 2018

- Identify potential entry strategies for client into target market
- Assist in technical implementation of client projects and tools
- Built tool to interface between user archives and SurveyMonkey API

Projects

REDDIT UNLOCKED

- Data-oriented project aimed to identify and visualize current trending topics on Reddit
- Implemented keyword extraction and data consolidation in Python working with a Flask frontend

ROBOT CONTROLLER APP

- Android controller application meant to pair with ESP8266 to control 3D printed combat robots
- Joystick interface streaming data to robot over WebSockets connection

READING ASSISTANT

- Used eye tracker peripheral to highlight words and phrases in the area of the screen the user is looking
- Aimed at users suffering from dyslexia or other attention-impairing disorders
- Implemented in C# with Tobii Eye Tracker API

Skills & Abilities

- Programming:
 - C++, Python, Java, JavaScript, ReactJS, C#
- Internet of Things
- Database
- Robotics