

Shyam Kannan

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EDUCATION

Arizona State University

Bachelor of Arts in Computer Science, GPA: 3.58/4.0

Tempe, AZ

Graduated December 2022

- Dean's List recipient all semesters
- Relevant Coursework: Intro to CS, Data structures and algorithms, Object-oriented programming, Discrete Math, Calculus, Statistics

EXPERIENCE

Software Engineer Intern

Qeagle Assurance Private Limited

June 2022 – August 2022

San Jose, CA (Remote)

- Was part of the test automation team that designed the web automation scripts using WebDriver
- Developed and executed tests for chrome, firefox

Artificial Intelligence Intern

Kashmir World Foundation

June 2021 – August 2021

Santa Clara, CA

- Worked on autonomous navigation algorithms aimed to monitor the endangered species of snow leopards using deep learning and computer vision
- Streamlined image filtering process and analyzed images suitable for training AI Model(YOLO) to detect animals
- Mapped and interpreted images to the corresponding animal species, facilitating the training of AI model
- Ran python scripts on Google Colab to train the model with animal image data

Software Development Intern

TestLeaf Software Solutions Private Limited

June 2019 – August 2019

San Jose, CA (Remote)

- Performed quality assurance software testing and data analytics on their website to suggest various improvements and modifications that would better serve the business owners' interests
- Took on the task of building the different components of the website using HTML and CSS

PROJECTS

Resale Marketplace | *Swift*

July 2022

- Mobile application development: An IOS mobile application built using Xcode and swift that allows users to buy and sell different type of products such as clothes and shoes
- App features a home page, categories tab, favorites tab, an add item tab, and a settings tab
- Used MVMM model (Model - View - Viewmodel) to organize the data and app logic quickly and efficiently

Web Scraping Algorithm For Real Estate | *Python, PANDAS*

June 2022

- Used beautiful soup library to collect and store data from real estate website century21
- Data collected was organized into excel using PANDAS

Amazon Price Tracker | *Python*

November 2020

- Developed a program that sends a GET request to the specified Amazon page, parses the HTML content using BeautifulSoup, and finds the price of the item
- Compares the price found to a threshold price that you specify, and if the price is below the threshold, it sends an email notification to your email address

Covid Vaccination App | *Java, JavaFX*

February 2020

- Made an app that takes in data from a csv file and displays it in a table. User is able to add new data points and visualize the data through a bar and pie graph. User can save the data back into a new csv file
- User data includes first name, last name, location, vaccine name, ID, and vaccination date
- Front-end was developed using Java Swing and JavaFX, with the backend controller implemented in Java

TECHNICAL SKILLS

Languages: Java, Python3, C/C++, JavaScript, HTML, SQL

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, BlueJ