

BOBBY DHANOOAL

Seeking Full Time Software Engineer Position Starting Fall 2025

Bobbykdhan
(914)-409-7471
bobby-dhanoolal
bobbydhanoolal@mail.rit.edu

EDUCATION

BS Computer Science | [Rochester Institute of Technology](#) 📅 2021-2025

Analysis of Algorithms | Machine Learning | Computer Vision

EXPERIENCE

Software Engineer Intern - AI and Automation | [IBM](#) 📅 May - Aug 2024

- Researched and developed a process to evaluate large language models using AI created Ontology.
- Meet with team members to coordinate data analysis in order to extract data from an IT product's documentation.

Python | SpaCy | Pandas | Numpy | PyTorch

Software Engineering Co Op | [Codonics](#) 📅 May 2023 - Dec 2023

- Investigated and repaired issues regarding Safe Label System and its Administration Tool.
- Coordinated with team members to execute a comprehensive testing workflow aimed at preventing the inclusion of any bugs in production builds.
- Implemented WiFi 6 technology, resulting in substantial improvements in connectivity speeds and reliability. Proactively managed and maintained drivers across diverse adapters to optimize overall network performance.

Java | Bash | Linux | Jenkins | Groovy | C | JavaScript | HTML | Spring

Web & Email Technologist | [RIT Univ. Advancement](#) 📅 Jan - Dec 2022

- Created and updated content to the university's Alumni websites using Drupal.
- Used Airtable and Blackbaud to collaborate with other team members to create and process communication emails and email lists.

Drupal | HTML | CSS | Blackbaud | Airtable

PROJECTS

Play Tracker | [Closed Source](#)

- Integrated Google Cloud services for real-time data retrieval and decision-making.
- Built an asynchronous workflow with Python's Asyncio to optimize trade execution speed.

Python | IBKR API | Docker | Fast API | Google Cloud | Twilio | MySQL

AutoOrder-API | [Bobbykdhan/AutoOrder-API](#)

- Automated a headless browser to order food from the RIT dining hall.
- Allowed users to order using HTTP requests instead of the using the command line.

Python | FastAPI | Imgur-API | Docker | OpenShift | Selenium

Tiger Pay | [Bobbykdhan/TigerPay](#)

- Created a service that allows students to quickly access their TigerPay Account via text message instead of having to login to their student account.

Python | FastAPI | MySQL | Beautiful Soup | OpenShift

LANGUAGES

Java | Python | JavaScript
Swift | CSS | Apple Script
Bash | C | LaTeX | MySQL
Assembly | MIPS | HTML

FRAMEWORKS

React | Drupal | Selenium
React Native | Playwright

LIBRARIES

Pandas | Numpy | Express
Tensorflow | PyTorch | Asyncio

TECHNOLOGIES

OpenShift | Docker | FastAPI
Flask | Web Automation
Stripe | Google Cloud

ACTIVITIES

Computer Science House -
President | [csh.rit.edu](#)

- Facilitate connections between our organization and outside companies
- Manage a professional organization of nearly 100 active members and a network of over 700 alumni
- Living Learning Community of Computer Science, Computer Security and other technical students.
- Weekly educational seminars and social events

National Society of Black
Engineers | [nsbe.org](#)

- Weekly chapter meetings and social events

AWARDS

IBM Software Developer
Badge | [Credly.com](#)

Awarded to those who demonstrate a deep understanding and skills in the following programming competencies:

- Data Structures and Algorithms
- Front End and Back End Development Fundamentals