

BOBBY DHANOOAL

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EDUCATION

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

Analysis of Algorithms Machine Learning Computer Vision

EXPERIENCE

Associate AWS Developer | [Neuraflash](#) 📅 Jul 2025 - Present

- Work with clients to help design, implement and maintain their contact center infrastructure using AWS and Salesforce.

AWS Amazon Connect Python Javascript Salesforce

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 - 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

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

SummerSync | [Closed Source](#) 🔒

- Led a team to develop an automated scheduling algorithm for the RIT NTID summer transition program, integrating student ability levels with teacher and room availability to optimize placements and reduce conflicts.

Python FastAPI MySQL OpenShift

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

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 Next.js Stripe

AWS GCP Azure

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