

# Rohan Rajagopalan

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## EDUCATION

### University of Connecticut

Bachelor of Science - Computer Science

Concentration in Computational Data Analytics

Storrs, CT

August 2020 – May 2024

GPA: 3.3/4.0

## TECHNICAL SKILLS

**Languages:** Python, SQL, C++, Swift, HTML/CSS

**Packages:** NumPy, Pandas, Matplotlib, Keras, Scikit-learn, TensorFlow, BeautifulSoup, PySpark

**Technologies:** Jupyter Notebooks, Git, Snowflake, AWS, Apache Spark & Hive, Workato

**Coursework:** Big Data Analytics, Relational Databases, Artificial Intelligence, Machine Learning

**Certifications:** AWS Certified Cloud Practitioner

## EXPERIENCE

### The Hartford Insurance Group

Hartford, CT

Data Engineering Intern – Personal Home Analytics

May 2023 – August 2023

- Programmed in SQL to increase match rate of policies from 50% to 90% which greatly improved model results
- Utilized Pandas to parse XML documents into Snowflake to improve Computer Vision model validation
- XML documents were parsed into CSV files and imported into Snowflake for quicker analysis by data scientists
- Used Jupyter Notebooks to connect to Amazon S3, Apache Hive, and Snowflake databases to program solutions

### Voya Financial

Windsor, CT

IT Business Analysis Intern – Retirement

May 2022 – August 2022

- Used SnowSQL CLI to archive business critical datasets from Salesforce to Snowflake and lower usage
- Snowflake archival lowered cost of Salesforce database usage by ~\$500,000
- Reinforced SQL knowledge through analysis of large datasets

Software Development Intern – Health Solutions Claims

May 2021 – August 2021

- Designed scalable Workato recipes as proof-of-concept to accelerate data transfer in Claims computer systems
- Created code flow charts for use in fortifying knowledge base for Claims functions across company
- Expanded on SQL knowledge and learned Salesforce database fundamentals

## ACTIVITIES

### UConn Formula Society of Automotive Engineers (SAE)

Storrs, CT

Data Acquisition/High Voltage Accumulator Subteam Member

September 2022 – May 2024

- Used Minitab to perform statistical analyses on all sensor data and communicated findings insights to leaders
- Performed ETL on data from sensors such as suspension forces and used Matplotlib to model data
- Built a high voltage battery pack and prepared wiring using student-engineered designs

## PROJECTS

### Tout (MVP)

Storrs, CT

Senior Design Project Manager & Full-Stack Developer

September 2023 - Present

- Using Amazon Elastic Beanstalk to set up EC2 & RDS with Django to deploy an iOS application
- Developing an app that improves discoverability for verified reviews
- Coordinating with sponsors and managing team to produce results and meet deadlines
- Developing front-end pages in Swift using Xcode

### Solace Refugee Map

Storrs, CT

UConn Global Health 24 Hour Hackathon, First Place Team

November 2021

- Created an interactive map to provide access to charities and news to refugees in America
- *Languages and Technologies:* JavaScript, HTML, CSS, Git
- <https://solace-refumap.netlify.app>