

HARSH TAGOTRA

LinkedIn: www.linkedin.com/in/harsh-tagotra
GitHub: www.github.com/hxt1965
Website: www.people.rit.edu/hxt1965

161 Perkins Road
Rochester, NY—14623

(585) - 623 - 7789
harshtagotrao4@gmail.com

EDUCATION

Rochester Institute of Technology, Rochester, NY
Junior, B.Sc. in Computer Science | Expected May 2022

COURSES

- Principles of Data Management
- Intro to Software Engineering
- Intro to Intelligent Systems
- Applied Statistics
- Analysis of Algorithms
- Linear Algebra
- Intro to Computer Vision
- Concepts of Parallel and Distributed Systems

EXPERIENCE

E Info Solutions Pvt Ltd, Kolkata — *Android Developer Intern*
June 2018 - August 2018

- Improved and Debugged features built using RESTful Web Services for Android
- Designed XML components and explored data sharing models to fit defined implementations
- Defined models for a prototype of a laundry delivery services app for a potential client

PROJECTS

Titanic - Kaggle

Trained various Regression and Classification Machine Learning models to test and predict survival on the Titanic with 93 % accuracy.

Language Classification

Conceptualized and constructed a Decision Tree model using self-built data structures to classify languages as either English or Dutch. Further improved accuracy by implementing Adaboost with Decision stumps constructed from the same models to 92%.

Internet Trends Survey

Led a team in conceptualizing and creating a database in PostgreSQL with data collected from the Pew Research Center. Used Python libraries to perform analysis and visualize core trends in internet usage based on various demographics.

Railroad Barons

Led a team in developing a web application using Javascript, CSS and Java for a graphical based game by implementing OO concepts, thread-

Portfolio Website

Used Django and Bootstrap frameworks to develop a portfolio website using Python and SQLite.

Animation Generator

Computer Vision project that generates an animated music video with abstract shapes synchronized to the beat of the music.

OBJECTIVE

To obtain a co-operative education position in the design, development, analysis and visualization of data models and systems.

Available May 2020 - December 2020

SKILLS

Programming Languages: C, C#, Java, Python, SQL, PostgreSQL, HTML, CSS, Javascript

Operative Systems: UNIX/LINUX, MS Windows, iOS, Android

Development Software: VS Code (Preferred), Visual Studio 2019, IntelliJ, PyCharm, DataGrip, Jupyter Notebooks, Android Studio, Git and Version Control

Other: Musician (Guitar, Bass, Drums, Synth), Producer, Illustrator, Computer Vision Artist

ACTIVITIES

1st Runners Up — **Mental Health Hackathon** 2019, RIT

Member, **RITFicial Intelligence Club**, AI Club at RIT — August 2019 - Present

Member, **Computer Science Club** — Jan 2018 - Present

CERTIFICATIONS

LinkedIn Learning: Applied Machine Learning, Foundations of Algorithms, Python for Data Science, CSS Essential Training, SQL Essential Training