

# Dhananjay Khazanchi

Chicago, IL • 404-510-5755 • dhananjaykhazanchi1@gmail.com • [LinkedIn](#)

---

## EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL

December 2022

**Master of Applied Statistics in Data Science**, GPA: 3.7

Relevant Courses: Machine Learning, Big Data Technologies, Applied Statistics, Data Preparation and Analysis

GEORGIA STATE UNIVERSITY, ATLANTA, GA

2018 - 2020

**Bachelor of Business Administration in Computer Information Systems, Minor in Computer Science**, GPA: 4.09

Relevant Courses: Big Data Analytics, Data Programming, Unstructured Data Management, Data Structures

---

## SKILLS

- Programming/Database: Python, R, Java, C, React Native, JS, HTML, CSS, Linux, SQL, MongoDB, Machine Learning
  - Project Management: Waterfall, Agile, Scrum, Microsoft Project, Trello
  - Big Data Technologies/Cloud Computing: Hadoop, Hive, Pig, Spark, Tableau, AWS, Salesforce, Kafka, Cassandra
  - Bilingualism: English and Hindi
- 

## EXPERIENCE

*Graduate Teaching Assistant | Part-time*

September 2022 – December 2022

**Illinois Institute of Technology**

- Enhanced learning of 100+ students in Data Prep & Analysis regarding statistical learning concepts and R programming
- Guided two supplementary classes for students each week going over rigorous material and graded 1000+ papers

*Data Science Intern*

May 2022 – August 2022

**CCC Intelligent Solutions**

- Applied machine unlearning models (SISA and Adaptive Machine Unlearning frameworks) to tabular/non-tabular datasets in Python to collect information regarding accuracy and retraining times that would be a foundation for prototype of the model
- Communicated weekly results by breaking down high-level technical information through visualization to project leads

*Data Science Intern*

January 2022 – February 2022

**Open Avenues Foundation**

- Cleaned and merged multiple datasets with 5+ million rows of data combined to develop a dataset of 30,000+ unique clinical trials to assist researchers in finding experienced doctors for conducting clinical trials using Python and Deepnote
- Delivered weekly progress updates and presentations to project leader and other team members

*Internal Developer*

December 2020 - July 2021

**Angkor Resource Center, Inc., Atlanta, GA**

- Engineered a webpage to automate parts of immigration application processes utilizing HTML, CSS, and JS
  - Collaborated with team members in other countries, such as India or Cambodia, to deliver technical solutions to address business problems, such as ease of use for the consumer, low adoption rate, and number of repetitive, unautomated tasks
- 

## PROJECTS

*Co-Creator, Systems Analyst, Project Manager, Programmer*

January 2020 – September 2021

**Pass-It-On**

- Formed a development team of three people and spearheaded determination of project requirements, use cases, ERD, and more for a gesture-based market research app using Agile and Scrum development techniques
- Divided project into epics/user stories, delivered estimates, and assigned responsibilities to team members through Trello
- Programmed front-end (login, registration, home, survey, questions, and other pages) and back-end (user registration and validation, email verification, multiple login choices, tracking user gestures on surveys, storing user responses, and more) for a market research mobile application utilizing React Native, JS, CSS, and Firebase Realtime DB

*Programmer, Volunteer, Participant*

January 2019 – October 2021

**Hack-a-thons**

- Designed an all-in-one prototype mobile application for college students that provides students with access to their schedule, campus events, club updates, sports news, and more with Android Studio
  - Deployed an SMS-based pre-screening service for healthcare providers to reduce the wasted time patients spend at facilities using AI-powered analytics, chatbots, and Firebase's Firestore DB
- 

## ACHIEVEMENTS

- Honors: President's List (2018-2020), Dean's List (Summer 2019)
- Scholarship: Data Science Excellence Award (2021-2022), National Merit Scholarship Semifinalist (2018)
- Extracurricular: Shotokan Karate (2<sup>nd</sup> Dan/Degree Black Belt, 15+ medals local to national level) (2011-2021)