

# Tanmoy Panigrahi

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## Education

### Georgia Institute of Technology | BS in Computer Science

**Graduating May 2022**

4.0 Major GPA | 3.9 Overall GPA

(55/126 Credits)

Concentrations: Artificial Intelligence & Human Computer Interaction

Faculty Honors, Dean's List, Georgia Tech Grand Challenges Program (Digital Information Team)

### SAI International School

**Graduated May 2018**

GPA - 10.0 | Percentage - 90.2%

Student Council President, School Symphony, Debating Team, Painting Club, Badminton Team

## Experience

### Undergraduate Researcher - Georgia Institute of Technology

**Fall 2019 - Present**

Working in Dr Thad Starner's lab on improving the efficiency of order picking - the process of finding and picking orders inside a warehouse - using head-mounted displays.

### Summer Research Intern - Indian Institute of Technology

**Summer 2019**

Worked under Dr Saroj Nayak on using machine learning to cure gut microbiota imbalance with probiotics. Learned K-Means Clustering, and Regression Analysis to build a predictive model of probiotic efficacy. Visualized and analyzed data sets using Matplotlib and Seaborn, and learned Tensorflow and Keras.

## Projects

### ZeroDay (Python)

**Fall 2018 - Spring 2019**

Part of the Grand Challenges program at Georgia Tech and a five-member team that developed a program employing heuristic analysis of metadata to predict the trustworthiness of accounts and sources on social media.

### Interstellar Merchant (Java, Kotlin)

**Spring 2019**

An Android game that involves the user trading goods on various planets and travelling across the universe on a quest to make enough money to buy the moon.

### Hollows (Swift) [On the App Store]

**Summer 2019**

A choose your adventure style story-based app for iOS.

## Technical Skills

Languages: Advanced - Java, HTML, CSS | Intermediate - Swift, Python, C++ | Familiar: Kotlin, Javascript  
Tools: Android Studio, XCode, Git, Java FX, Alexa Skills, Dreamweaver, Jekyll, macOS, Linux, Windows  
Coursework: Data Structures & Algorithms, Introduction to Object-Oriented Programming, Objects & Design | In Progress - Computer Organization, Introduction to Artificial Intelligence

## Honors and Activities

Clubs: The Agency - Machine Learning Club, Yellow Jackets Badminton Club, GT iOS Club  
Olympiads: Indian Computing Olympiad, Indian Mathematical Olympiad qualifications (~ Top 100 in India)  
Other: State Badminton Champion, Best School-Level Music Composer Award at National Film Festival  
Leadership & Volunteer: Highschool Student Council President, GT Grand Challenges Ambassador