Yash Punjabi

329351 Georgia Tech Sta, Atlanta, GA 30332 • T: 347 909 4454 • E: yashrpunjabi@gatech.edu
www.yashpunjabi.com • www.github.com/yashpunjabi

EDUCATION

Georgia Institute of Technology *(Fall 2014 - Spring 2018)*
- Bachelor of Science in Computer Science
- **GPA: 4.0**
- Relevant Courses: **Algorithms and Data Structures**, Intro to **Artificial Intelligence,** Applied **Combinatorics**, Intro to **Computer Systems and Networks**

EXPERIENCE

Software Intern, Quantlab Financial, Houston, TX *(Summer 2016)*
- Worked as part of the data engineering team using pair-programming
- Coded using **Test Driven Development** and the **SOLID principles** as enforced by company standards
- Pushed code to production, currently running in 5 different continents
- Coded a very extensible Task Scheduler in Java - adding a new task requires writing just one additional class and no changes to existing code
- Wrote packet parsing software to read messages from Stock Exchanges

Teaching Assistant, CS 1331-Intro to Object Oriented Programming, Georgia Tech *(Fall 2015 - present)*
- Mentored and taught a class of 50 students
- Held weekly office hours to help the 600 students taking the course
- Graded exams, homework assignments, and quizzes

PROJECTS

Steganography, Android App
- Winner of the **Humanitech Social Good Prize**
- Encodes secret information within a base image file using the least significant bits of all 4 ARGB pixel values
- Can be used to get around government surveillance or censorship in areas of unrest
- Coded the front-end of the app following Google **Material Design** principles

Shake2Meet, Myo Armband / Android App
- Built over 36 hours at HackGT 2015
- Programmed to exchange contact information between two people when it detects them shaking hands
- Used accelerometer data and bluetooth to share information across devices

Reddit Wallpaper Bot, Python & Java
- Scrapes 4chan wallpaper board for wallpapers, downloads and rehosts on Picasa, submits the link to Reddit.
- 4chan scraper coded in Java using the Jaunt API
- Picasa uploads and Reddit submissions programmed in python using their APIs

LEADERSHIP

Peer Leader (Resident Advisor), Georgia Tech *(Spring 2016 - present)*
- Oversaw over 300 first-year students in Glenn Residence Hall
- Planned and advertised events (barbecues, movie nights, health seminars, etc)
- Mediated conflicts between students and helped forward mental health initiatives on campus

Residence Hall Association, Georgia Tech *(Fall 2014 - present)*
- IT Coordinator, *Executive Board*
  - **Automation** of various processes **using Google Apps Script**
  - Web Administrator of rha.gatech.edu
- Student Staff Representative (Freshman Experience), *Executive Board*
- Hall Council Officer

SKILLS / LANGUAGES
- Proficient: **Java** (Hamcrest, Mockito), **Python**
- Intermediate: C, Assembly Language, Google Apps Script
- Beginner: Clojure, Ruby, Haskell, Scala, Erlang, Prolog, C++
- Android App Development (intermediate), Web Development (intermediate).
- Software/Skills: **Ubuntu, Windows, Git,** Solidworks