PALLAVI CHETIA

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Education

Georgia Institute of Technology, Atlanta, GA   August 2016 – May 2020
Bachelor of Science in Computer Science; GPA 3.3
CS courses: Object Oriented Programming, Data Structures and Algorithm, iOS Developer Nanodegree by Udacity

Projects

- **GT Bits of Good**
- Working in a team to help a non- profit organization called Community   January2018 - present
  Friendship to build a website with a fresh look and greater functionality.
- The new design will be user friendly for their staff to maintain and monitor for its content and use.
- **BudgetApp**   October 2017 - present
- Created a Budget tracking iOS app using Xcode and Swift language.
- Added table view functionality to create lists in the app.
- **Pokémon game**   July 2017
- Created a Pokémon game that allows users to play with four Pokémon characters; used OOP to create the game characters and assign actions using Java.
- Used JavaFx to create characters and the game board.

Work Experience

- **Undergraduate Research, VIP Automated Algorithm Design**   August 2017 – present
- In the process of developing algorithms that can predict survival rates of species in various condition using python and machine learning.
- Researching new methods of selection, mutation and evolution.
- Using crowding distance to measure fitness for natural selection using NSGA.
- **Student Assistant, New Students and Sophomore Programs Office**   May 2017 – August 2017
- Helped the Dean of students with organizing FASET orientation and managing client concerns regarding registrations

Leadership

- **India Club Board Member**-
- Plan events such as Diwali, Garba, Republic Day etc that attract people to engage in Indian festivities and learn more about the culture.
- **WRECK Camp Crew Leader-**   February 2017- August 2017
- Planned wreck camp games, social and activities for involving incoming students in their transition into college.
- **Student Centre Programs Council (SCPC) Committee member –**   Sept 2016 - present
- Member of the Atlanta Life committee.
- Plan and organize events such as Georgia Tech Night at Six Flags, Night at the Aquarium, Sting Break etc. to provide Tech students fun experiences at convenient expenses and accessible transport.

Skills

- **Computer Skills:** JAVA, python, HTML, JavaScript, CSS, Microsoft Office, Swift
- **Languages-** Hindi(Fluent), English (Fluent), Spanish (basic), Bengali (Fluent), Assamese(Native).