

TANISHQ SANDHU



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Education

Georgia Institute of Technology, College of Computing
Bachelor of Science in Computer Science

Atlanta, GA

Expected Graduation: May 2022

- **Concentrations:** Intelligence and Information Internetworks
- **Clubs/Activities:** Vice President at Big Data Big Impact, Data Science @ GT, Veggie Jackets, Sikh Students of Atlanta

Skills

Programming Languages/Frameworks: Java, Python, Node.js, React, JavaScript/HTML/CSS, Linux, SQL

Software: JIRA, SharePoint, Eclipse, Visual Studio, Postman, Salesforce, IBM MQ, Atlassian Stash/Bitbucket, MySQL, Memcached, Bootstrap, Mongo DB

Concepts: Git, Genetic Programming/Algorithms, Machine Learning, OOP, UI

Experience

Georgia Tech College of Computing | Atlanta, GA

July 2020 - Present

Incoming Undergraduate Research Assistant

- Working under the guidance of Dr. Devi Parikh
- Implementing a demo for her Facebook AI Research paper *Feel The Music: Automatically Generating A Dance For An Input Song* as a part of her AI + Creativity initiative

The808Wave | Atlanta, GA

May 2020 - Present

Software Development Engineer

- Georgia Tech start-up creating a social media platform for the music
- Full-Stack Web Development on a MERN Stack (Mongo DB, Express.js, React, Node.js)
- Company Accolades: Atlanta Inno's 25 Under 25, Create-X Start-Up Winner

Georgia Tech VIP Research | Atlanta, GA

January 2020 - Present

Student Researcher with Automated Algorithm Design

- Working on a team to develop an evolutionary Cartesian Genetic Programming framework to automatically optimize neural networks under the guidance of Dr. Greg Rohling and Dr. Jason Zutty
- Partners/Sponsors: Google, L3Harris Technologies, GTRI

Manhattan Associates | Atlanta, GA

January 2020 – May 2020

Technical Analyst Intern, Technical Services

- Worked with the VP of Technical Services dept. to utilize Node.js to develop a portal that captures all relevant function/technical information regarding client extensions as well as providing functionality to initiate extension development
- Developed REST API's to integrate MA Store and MySQL Database to keep track of code drops and their respective statuses
- Increased application performance by integrating Memcached to replace traditional database-calls
- Tested API's using Postman

Technical Analyst Intern, Cloud Services

May 2019 – August 2019

- Fulfilled Solution Delivery Notice (SDN) Install requests from Clients (Applying Java Fixpacks, DB Installs, etc.)
- Stretch Project: Worked with team to Automate database logfile exports using Python
- Corrected Erroneous Customer Inbound Order XML files
- Ad-hoc database deployment/redeployment/refreshes
- Monitored Application KPI's, Queue Alerts for Clients in IBM MQ, DB server resource usage

Office of ERP at Georgia Tech | Atlanta, GA

September 2018 – December 2018

Project Management and Technology Intern

- Aided Enablement Team with the Financial Transformation Project to shift Georgia Tech from PeopleSoft to the cloud-based Workday
- Worked with Lead Project Manager and business analysts to keep track of the 35+ extended systems campus-wide and keep them on track for the Workday go-live
- Analyzed impacts of project decisions on extended systems and advised Project Manager appropriately
- Stretch Project: Developed Internal and External SharePoint websites for clear communication between Extended Systems and Enablement Team

Previous Work Experience:

- Cisco Systems, Extern

Awards/Accomplishments

Dean's List
Zell Miller
Governor's Honor Program Finalist

Google CSSI Alumni
Letter of Commendation for National Merit
Best Cisco Smart City Implementation Presentation

Medal of Honor awarded by Deputy Director of
National Geospatial-Intelligence Agency