

# Tanishq Jain

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA

*Spring 2021 – Spring 2023*

Computer Science, *Concentration: Intelligence and People*.

GPA: 3.70/4.00

- **Relevant Coursework:** Intro to Computing, Object Oriented Programming, Discrete Mathematics, Data Structures and Algorithms, Computer Organization, Objects and Design

**University of Georgia**, Athens, GA

*Fall 2019– Spring 2021*

Bachelor of Science, Computer Science

GPA:4.00/4.00

## EXPERIENCE

**Humana**, Louisville, Kentucky

*August 2022 -December 2022*

*Software Engineer/Cloud Security Intern*

- Provided security expertise for cloud-based DevOps within agile development process to fix and optimize security issues identified in large-scale functional areas (data, systems, and Web)
- Developed, maintained, and reported on key cloud security metrics: tested through pyTests and modeling in order to gain a 99% rate on overall company data security
- Monitor cloud platforms including but not limited to GCP (75% of time) and Azure (25% of time)
- Collaborated on an agile team with cross-functional team sprints and participated in 100% of daily scrums

**Humana**, Louisville, Kentucky

*May 2022 -August 2022*

*Software Engineer Intern*

- Spearheaded a project that aimed to organize data within the Clinical Data Mart (CDM) using SQL and TOAD data point enabling creation of entity relationship diagrams
- Designed application diagrams using SQL Management Studio/Visio, introduced 99% test coverage
- Executed and established Python scripts for assigned portions of code; identified and debugged issues
- Collaborated in an agile manner with multi-functional team sprints, participated in 100% of daily scrums

**Virtual Tennis Academy**, Suwanee, GA

*January 2020 –December 2020*

*Data Analyst Intern*

- Provided technical support for services and events, including spreadsheet and budget analysis
- Assisted in training new IT staff members that resulted in a 15% increase in productivity
- Communicate with C.E.O. on interpretation of data from previous tournaments and optimizing statistical efficiency with future events (efficiency enhanced by 5%)
- Coordinated and facilitated elite level tournaments throughout the course of the year

## SKILLS

**Programming:** Python, Java, HTML/CSS, C/C++, MATLAB, Microsoft Excel Programs: Excel (advanced)

**Developer Tools:** IntelliJ, Git, Visual Studio Code, PyCharm

**Career Interests:** Software Engineering, Software Consultant, Project Management

## PROJECTS

**Bank Account Analyzer** | *Python, Excel*

*May 2022 - Present*

- Scraped user bank account information data in order to analyze income and expenses over a specific month
- Generated user data into CSV file through web scraping and sourcing data for key statistics
- Visualize change in Income and Expenses using matplotlib (enhancing user experience by 25%)

**Tower Defense Game** | *Java, Android Studio, Git*

*January 2022 – May 2022*

- Developed a Tower Defense game using Android Studio and Java (Over 3000 lines)
- Utilized SOLID and GRASP principles to apply test driven development throughout phases of the project
- Organized and tracked 6 major project versions with Git to pinpoint bugs and increase productivity
- Planned and created a basic mobile application that implements MVC (Model-View-Controller)