

SANA AJANI

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OBJECTIVE

Enthusiastic leader with a technical mindset. Pursuing a full-time role at the intersection of business strategy, statistics, and software engineering.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing **Atlanta, Georgia**
Bachelor of Science in Computer Science *May 2018*
GPA: 3.2

- Minor in Computing & Business through the Denning Technology & Management Program
- Concentrations: Modeling and Simulation & Information Internetworks
- Study Abroad: Georgia Tech Computer Science Barcelona Study Abroad Program Summer 2015
- Scholarships: Georgia Tech Grace Hopper 2015 Scholarship
- Coursework: Machine Learning, Databases, Data Structures & Algorithms, Probability & Statistics, Finance & Investments

EXPERIENCE

AMERICAN EXPRESS **New York, New York**
Software Engineering Intern / Global Corporate Payments *June – August 2017*

- Built R based logistic regression and machine learning models on accounts payable data to predict B2B payment acceptance
- Conducted data cleaning, transformations, and big data analysis for 19 million records using Hive queries
- Won 1st Place at AmEx Intern Hackathon; built ReactJS web-app to filter card products with instant key-word matching

TURNER BROADCASTING SYSTEMS **Atlanta, Georgia**
Front-end Development Intern / CNN *February – May 2017*

- Implemented front-end for Newstron, an internal newsroom workflow process; developed in JavaScript, jQuery, HTML
- Designed and built multi-dashboard UI/UX display to show video archival and retrieval process; integrated feature with existing codebase and processes

MICROSOFT **Redmond, Washington**
Explorer Intern / Universal Store *May – August 2016*

- Created a REST service using .NET WebAPI framework and C# to enhance productivity for enterprise customers on the Windows Store for Business; feature has deployed and is live
- Identified key process flow, tested design options with sample users, and leveraged existing supply chain APIs to improve process time by 90%

PROJECTS

GEORGIA INSTITUTE OF TECHNOLOGY **Atlanta, Georgia**
iOS Team Lead / Brain Trauma and Assessment Protocols *August 2016 – Present*

- Building an iOS at-home therapy application for frequent assessment and monitoring for individuals who have aphasia
- Leading a team of 8 undergraduate developers to design an intuitive user interface, collect and analyze touch responses, implement high-quality audio recording, and securely upload data to a web portal for doctors to access

LEADERSHIP

TEDxGEORGIATECH **Atlanta, Georgia**
Lead Organizer *August 2015 – May 2017*

- Defined the mission and vision of the organization, leading a team of 20+ students to hold 4 successful TEDx events
- Drove team efforts in selecting and training speakers, creating and managing conference budgets of \$10,000+, and honed skills in fundraising, marketing, communications, and event production

TECHNICAL SKILLS/ACTIVITIES

Big Data Ecosystems: Hadoop, Hive, R, Python, NumPy, Jupyter Notebook, Weka
Programming: Java, Python, C#, C, JavaScript, PHP
Tools: Jira, Git, Visio, Visual Studio, Adobe InDesign, Adobe Illustrator
Languages: Hindi – fluent, French – moderate, Arabic – beginner, English – native
Activities: Alpha Kappa Psi (Professional Business Fraternity), Project Rise Up (AP Computer Science Tutoring)