

TANUSH CHOPRA

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EDUCATION

Bachelors of Computer Science, Georgia Institute of Technology

Expected Graduation Date: **May 2025**

Cumulative GPA: 4.0/4.0

Relevant Coursework: *Linear Algebra, Discrete Math, Data Structures and Algorithms, Algorithm Honors, Knowledge-Based AI, Natural Language Processing [NLP], Machine Learning, Computer Vision [CV], Deep Learning, Automata and Complexity*

SKILLS

Languages Python, Java, JavaScript, SQL, HTML, CSS, C++, C, Swift, GraphQL, Rust

Data Technology PostgreSQL, SQLite, MySQL, Firebase, Selenium

Frameworks Flask, Django, FastAPI, Salesforce CPQ, Salesforce Apex, Okta, React, Vue, TensorFlow, PyTorch, SKLearn, C

Development Tools Git, Figma, VSCode, Eclipse, Android Studio, XCode, Unity, SparkAR, Postman, Salesforce Integration, Salesforce

EXPERIENCE

Full Stack Engineering Intern, DocuSign Inc.

San Francisco, CA • May 2023 - August 2023

- Led the design, development, and implementation of Salesforce CPQ solutions to streamline quoting and billing processes.
- Developed and implemented lead routing strategies, ensuring efficient distribution of leads based on predefined criteria.
- Demonstrated expertise in Salesforce Apex development, designing and implementing custom solutions aligning with business needs.
- Designed and built robust and scalable frameworks within the Salesforce environment to enhance overall system efficiency.
- Collaborated with cross-functional teams to integrate Salesforce with other systems, ensuring seamless data flow and system interoperability.
- Continuously analyzed and optimized Salesforce instance, implementing best practices to maximize system performance.

Chief Executive Officer, Locab Inc.

Remote • May 2021 - March 2022

- Provided guidance and mentorship to junior members of the Salesforce engineering team, fostering professional growth and knowledge sharing.
- Created comprehensive documentation for custom solutions, frameworks, and best practices, ensuring adherence to security, compliance, and data governance standards.
- Implemented Identity and Access Management (IAM) protocols, enhancing user security and resource accessibility.
- Improved Mean Time To Resolve from ~29 hours per ticket to ~3 hours per ticket (~10x speed up).

Researcher, Teachable AI Lab

Atlanta, GA • August 2022 - Present

- Led 8 people in creating an NLP-based extension to provide company-dictated feedback on writing.
- Maintained team performance through Agile Sprints and scheduled work and design review meetings.
- Received offer from Uber's copywriting division.

Software Engineering Intern, Kinetic Reality Inc.

Sunnyvale, CA • June 2021 - October 2021

- Worked on Cognitive AI systems, human-like AI/ML models, adapting COBWEB, an incremental conceptual clustering system, for use in language modeling.
- Developed C++ implementation of COBWEB for better runtime performance (~100x speed up).

PROJECTS

Quibble Spearheaded development of an AI-powered learning acceleration tool, offering user-friendly access to high-quality resources through an intuitive UI.

AnimeQ Developed an ML-based algorithm utilizing PyTorch to create and train an Attention-based CNN Sparse-VAE to determine suitability of manga for anime adaptation.

Ludis Directed creation of a sports-focused social networking site, fostering connections among users with shared sporting interests.

IFF Developed NLP-based browser extension to detect political bias in news articles with 83.4% accuracy. Continuously enhancing its Machine Learning features and information display.

ClassNet Implemented a Computer Vision model using TensorFlow employing hierarchical classification with a tree of CNN classifiers, resulting in increased prediction accuracy and reduced computational complexity.

ACCOMPLISHMENTS

Hackathons

Won 2 hackathons: HackItShipIt and DataDayGrind. Participated in 9 hackathons to date.

Alameda County Science and Engineering Fair

Won 2nd place in the Math and Computer Science Category. Performed Longitudinal Study on Political Bias in News-based Media.