

ANANYASHREE GOENKA

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EDUCATION

Cornell University - Ithaca, NY

Bachelor of Arts in Computer Science

Relevant Coursework: OOP & Data Structures, Probability, Linear Algebra, Computer Systems Organisation, Algorithms, Unix Tools, Introduction to Computer Vision, Database Systems (Fall '23), Functional Programming (Fall '23)

Skills: (proficient): Python, Unix, Git, Java, HTML/CSS, JavaScript (familiar): C, Ruby, TypeScript, SQL, RISC-V

Expected May 2025

GPA: 3.93/4.00

WORK EXPERIENCE

Transfix (\$1B+ Digital Freight Marketplace)

Full-stack Software Engineering Intern

May 2023 - Current

New York, New York

- Leveraged Knowledge in Ruby, Rails, Docker and Tilt to streamline the of setup development environment, React.js, TypeScript, HTML5, CSS3, Sentry for error handling, Unix, Regex, Snowflake and Jira and Git

Lokal (\$100M Tencent backed Hyperlocal Social Media platform)

Backend Software Engineering Intern

December 2022 - February 2023

Bangalore, India

- Boosted URL click-through-rate by 80% by employing Firebase's Dynamic Links REST API to shorten URLs sent to users
- Automated collection, storage, and visualisation process of key Ad metrics using Google Ad Manager, Sheets and Data Studio API
- Leveraged Knowledge in Django, REST API, Redis, PostgreSQL, SQL, Postman to test APIs, Jira and Git

Cover Technologies (\$300M Giga Fund & Founder's Fund backed Modular Housing Builder)

Frontend Software Engineering Intern

May, 2022 - August 2022

Los Angeles, California

- Optimised website usability through lazy loading techniques, and ensuring to adhere to responsive design and accessibility principles
- Improved website's conversion rate by 30% by developing a reactive SPA web application that enables users to visually determine eligibility and total buildable area of a prospective Cover unit based on a given address and the Los Angeles County Zoning Code
- Leveraged Knowledge in Vue.js, Pug.js, JavaScript, HTML5, CSS3, Webpack, Lodash, debugged using Chrome Dev Tools, and Git

Lendingkart (\$250M+ Online Lending Platform)

Software Engineer Intern

June, 2021- August, 2021

Bangalore, India

- Implemented a loan-eligibility form to preliminarily filter applicants as a first step of the end-to-end loan application checkout-flow
- Analysed delinquency rates of past loan disbursements and presented linear regression models to the credit underwriting team
- Leveraged Knowledge in HTML5, CSS3, Python3, used libraries including Pandas, NumPy, scikit-learn

SOFTWARE PROJECTS & RESEARCH EXPERIENCE

Incoming Game Developer for Cornell Frontier Grant backed Linguistics Research

August 2023 - May 2023

- Implemented a loan-eligibility form to preliminarily filter applicants as a first step of the end-to-end loan application checkout-flow

Software Co-Lead for Cornell Custom Silicon Systems

March 2023 - Current

- Developed software and testing infrastructure for a Crash Detector to run on custom chip, Arduino and HiFive platforms
- Utilised: C, C++, Arduino, RISC-V

Research Assistant for Job Platform Study with Professor Michèle Belot and Professor Philipp Kircher

August, 2022 - December, 2022

- Conducted on algorithmic fairness and job recommendation systems, leveraging insights to design job recommendation algorithm
- Integrated sentiment analysis techniques to give users real-time feedback on resumes and cover-letters
- Utilised: Python, NumPy, Pandas, scikit-learn, sentiment.ai

Microcredit Fin-Tech Application - Paise to Rupee (Uttar Pradesh, India)

May 2019 - Current

- Researched loan delinquency parameters and utilised ML techniques to model loan repayment trends and eligibility
- Built android loan eligibility application and distributed it 3000+ micro-loan seekers, resulting in 630 underwritten loans with a 94% collection rate to date and 45% decrease in customer acquisition costs for the microcredit firm
- Utilised: Android NDK, R, and packages like like dplyr, caTools, ROCr, ggplot2, e1071, randomForest, and neuralNet

INTERESTS & ACTIVITIES

Interests: Adventure Sports, Cooking, and Basketball

Extracurricular Activities: VP of Cornell's Emerging Markets Society, Women in Computing Cornell (Girls Who Code), Society of Women Engineers, Recognized by the Institute of Economic Affairs for the 2020 Dorian Fisher Memorial Prize