Computer Science @ UIUC   Kanchan Krishna   Dublin, California

kanchan5@illinois.edu | (408)-470-0309 | https://www.linkedin.com/in/kanchankrishna | https://github.com/kanchankrishna

EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (UIUC)   **CHAMPAIGN, IL**

Bachelor of Science in Computer Science | Statistics Minor | Dean's List   *Graduating May 2025*

ABOUT

An enterprising self starter with a track record of innovating solutions to abstract problems & marketing their benefits

WORK EXPERIENCE

JUSTPAID (Y-Combinator Startup)   **SAN FRANCISCO, CA**

Software Engineer Intern   *January 2023 - Present*

- Utilizing prompt engineering to enhance current chatbot service and performing thorough tests on OpenAI Playground
- Programming unit tests using Python and Django for Checkbook API and resolving software bugs using Sentry.io
- Ideating customer service and retention features while collaborating directly with the CEO to acquire more users

DISRUPTION LAB   **CHAMPAIGN, IL**

Software Engineer

[Reyes Coca-Cola Bottling Project]   *January 2023 - May 2023*

- Utilized Python, Snowflake, and data science to identify prominent patterns in machine malfunctions for Reyes Coca-Cola Bottling (client) & presented telling trends crucial to their understanding of factory failures during weekly presentations
- Visited the manufacturing plant and consulted with the engineers to learn about the internal processes of the facility

[Seed2Sale Illinois Blockchain Project]   *September 2022 - December 2022*

- Designed & implemented a blockchain based solution for Seed to Sale tracking of cannabis for a federal agency
- Developed smart contracts using Solidity and the TableLand API & communicated progress during weekly client calls

JUNI LEARNING   **SAN FRANCISCO, CA**

Computer Science Instructor (Part Time)   *March 2022 - Present*

- Teaching 150+ individual sessions of Java, Python, and C++ to 7 students ranging from elementary to high school age
- Took initiative to develop and curate a coding question bank for homework exercises & shared with 400+ instructors

IBM   **SAN JOSE, CA**

Technology Intern   *June 2020 - August 2020*

- Experimented with supervised, unsupervised, and deep learning models in Jupyter notebook
- Completed AI-related mathematical exercises involving optimization & back propagation
- Built a program that recognizes images of handwritten digits using TensorFlow & Python

MISCELLANEOUS TECHNOLOGY EXPERIENCES

- Software Engineering Fellow @ **Uber**, Pioneer Program Member @ **Y Combinator**, Coding Teacher @ **Girls Who Code**

TECHNICAL PROJECTS

- **Syllabus Parser - April 2022** (*Python, Google Tesseract, Google Calendar API*):
  - Collaborated with a Meta research scientist & led 2 students to create a syllabus reader as part of the AI4ALL program
  - Drove the design & implementation of the program, which parses a pictorial, structured syllabus & automatically creates Google Calendar events based on assignments & their corresponding due dates
- **Study Set Timer Feature for Quizlet Inc. - January 2021** (*Python, Flask, HTML, SQL*):
  - Coded a timer feature that provides feedback according to the time it takes a student to study a set of terms/concepts
  - Marketed & effectively communicated this feature's benefits to the Vice President of Engineering at Quizlet Inc.
  - This feature was well received & forwarded to Quizlet's product & engineering teams
- **Tennis Court Reservation System for San Ramon City - September 2020** (*Python, Flask, HTML, SQL, CSS*):
  - Built a reservation system that allows users to reserve courts, cancel reservations, view court activity, and submit application reviews
  - Successfully communicated system's benefits & persuaded the San Ramon Recreation Department to adopt the idea after 6 months of deliberation

SKILLS

- Proficient: C++ | Intermediate: Java, Python, Flask | Basic: Javascript, SQL, HTML/CSS, React, Jupyter notebook

AWARDS

- FIRST Tech Challenge Google Robotics Competition: Finalist (2019) | American Mathematics Competition: Honors (2017)