

Chinmaya Sharma

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA - CHAMPAIGN (UIUC)

M.C.S. IN COMPUTER SCIENCE
B.S. IN COMPUTER SCIENCE
MINOR IN STATISTICS May 2022
GPA - 3.84 | Honors - Dean's List (x4), James Scholar, Tau Beta Pi

SKILLS

Python • C/C++ • Golang • Java • SQL • R • ElasticSearch • Hadoop • Postgres • Python DS Libraries • Git

LINKS

LinkedIn: //chinmayasharma
GitHub: //chinmayasharma

COURSEWORK

Computer Architecture
Data Structures & Algorithms
Distributed Systems
Machine Learning
Methods of Applied Statistics
Natural Language Processing
Numerical Methods
Prog. Languages & Compilers
Systems Programming
Text Information Systems

EXTRACURRICULARS

CS 357 | TEACHING ASSISTANT
Create course content and run office hours

HACKILLINOIS | OUTREACH
Helped establish relations with sponsors & run hackathon

CS 125 | COURSE ASSISTANT
Helped teach weekly lab sections, and introductory concepts

PROFESSIONAL EXPERIENCE

BLEND | SWE Intern + 8VC Fellow San Francisco, CA
May 2020 – Aug 2020
Infrastructure

- Implemented a distributed version of Blend's infra log monitoring service, improving deployment and cross-cluster usage
- Prototyped a property search engine and workflow feature with Zillow integration

GOOGLE | SWE Intern New York City, NY
Feb 2020 – May 2020
Jarvis - Search Experimentation

- Developed an E2E buildservice integration testing framework through Pico-piper integration and decoupling direct dependencies on BuildRabbit, Green CL and Sponge
- Identified misclassification areas and improved error attribution rates for Piper errors in buildservice

MOTOROLA SOLUTIONS | SWE Intern Champaign, IL
Aug 2019 – Dec 2019
Analytics Transcription

- Implemented a service for extraction and aggregation of OpenStreetMap geo-location data
- Developed a tool for labelers to efficiently split audio files and transcriptions using timestamps

SALESFORCE | SWE Intern San Francisco, CA
May 2019 – Aug 2019
Infrastructure Analytics

- Implemented a Data Quality framework for Commerce Cloud metrics using ElasticSearch and created a blacklisting feature
- Migrated local FTs across clusters, implemented a framework for pullers to optimize for efficiency and reduce duplicity

STATE FARM | SWE Intern Champaign, IL
Aug 2018 – May 2019
Customer Risk Identification

- Trained and implemented a model that identified and flagged potential users at risk

Auto - Quote & Bind Aug 2018 – Dec 2018

- Created an app that showcased an alternate app flow for providing customers quoting

PERSONAL PROJECTS

LYRITUNES | TEXT ANALYSIS
Created a web application that recommended songs based on similar lyrics using techniques like bag of words, TF-IDF weighting, etc.
Software Used: Python, MetaPy

MAPLEJUICE | DISTRIBUTED SYSTEMS
Implemented a scheduler for mapreduce with underlying simplified distributed file system, failure detection and membership protocol
Software Used: Python