AKASH RAKHEJA

Associate at Goldman Sachs

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EXPERIENCE

Goldman Sachs
Associate

📅 May 2022 – Present   📍 Toronto, Canada

- Worked on uplifting internal systems for trading credit bonds from monolithic to micro-service architecture with shared components

Uplift Inc
Senior Software Engineer

📅 Feb 2020 – May 2022   📍 Toronto, Canada

- Re-architected and owned foundational back-end services responsible for portals, loans, payments and customer communication servicing millions in origination each day
- Designed the complete back-end of a new product that company started offering
- Worked on designing shared python components and testing frameworks
- Lead various projects involving cross-team and cross-services integration
- Mentored new hires and junior engineers, driving adoption of architecture and cross-functional processes

PUBLICATIONS AND PROJECTS

Lab Automation

Worked in a team of four to develop an offline judge in **python** for evaluating assignments submitted by students in various courses. It was later implemented in various courses.
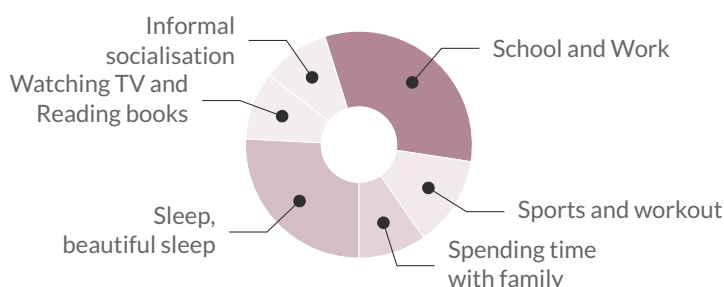
Multithreading, User Programs, and Virtual Memory

Built the Pintos Operating System from provided initial tools in a team of four. Implemented locking, multithreading, virtual memory and other operating system features in C language.

Intranet Search Engine

Designed a search engine to search for keywords and documents on the institute intranet in a team of three. Used **python modules** such as BeautifulSoup and whoosh.

A DAY OF MY LIFE

- Informal socialisation
- Watching TV and Reading books
- Sleep, beautiful sleep
- Spending time with family
- Sports and workout
- School and Work

STRENGTHS

Hard-working   Eye for detail
Motivator & Leader

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C++   Python   Java   Keras
MySQL   Django   Laravel

EDUCATION

MSc in Computer Science, GPA: 4.0/4.0

University of Toronto

📅 Sept 2018 – Jan 2020

Courses: Quantum Computing, Natural Language Computing, Cryptography, Stochastic Methods for Actuarial Science, Machine Learning

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B.Tech. - Major in Computer Science, Minor in Mathematics, GPA: 9.62/10.0

Indian Institute of Technology Guwahati

📅 July 2014 – June 2018

Courses: Data Structures, Algorithms, Discrete Mathematics, Probability Theory, Software Engineering, Database Management, Operating Systems, Compilers, Computer Organization and Architecture, Computer Networks

MOST PROUD OF

Department Rank 2 during my bachelors

Among top 25 teams all over the country in Microsoft Build The Shield 2016

Second Runner Up at Microsoft Code Fun Do 2016 held at IIT Guwahati

Qualified Google Code Jam 2016 Round 1 Among top 500 candidates across the world

Candidate master on codeforces

Exam for engineering entrance in India

- **Mains: All India Rank 449 among 1.6 million candidates**
- **Advanced: All India Rank 841 among 0.15 million candidates**

MY LIFE PHILOSOPHY

"Experience, Learn, Grow, Repeat."