

SAURABH VERMA

Munich, Germany

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AREAS OF INTEREST

Distributed systems, Artificial Intelligence & Finance.

EXPERIENCE

Software Engineer, Identity Infrastructure | Google

Dec 2018 - Present

1. Designed and led Google-wide migrations for accounts storage APIs.
2. Developed hard-isolation between customers for batch processing infrastructure.

Software Engineer, Revenue Platform | Uber Technologies, Inc.

June 2017 - September 2018

1. Optimised the storage footprint by 40% to save 150K USD per year in cassandra storage costs.
2. Batched bottleneck network calls by 8x to reduce processing latency.
3. Added support for execution in multiple data-centres and data-centre failover.
4. Completed Executive Education in Strategy and Leadership guided by professors from Harvard Business School.

Freelance Tutor | Chegg Tutors

April 2017 - June, 2017

Tutored 100+ lessons, consisting of various domains in Computer Science and several programming assignments.

Research Intern | Adobe Systems

May 9 - July 22, 2016

Built a pipeline to enhance the tags of images in Python for better content management. The output tags were more informative, relevant to the image and diversified in comparison to state-of-the-art image tagging engines.

Summer Intern | Morgan Stanley

May 11 - July 9, 2015

Built a platform to effectively manage the metadata, validate and trigger actions in Java using frameworks such as Spring, Quartz and Apache CXF.

ACADEMIC BACKGROUND

Qualification	Year	Institution	Grade
B.Tech. Computer Science	2013-17	Indian Institute of Technology Roorkee	8.982

SKILLS

- **Programming Languages** : Java, C++ and Golang.
- **Software Architectures & Paradigms**: Microservices, API design, A/B experiments, databases, batch processing, caching, publish-subscribe.

PUBLICATIONS

Usage Based Tag Enhancement of Images | Pacific-Asia Conference on Knowledge Discovery and Data Mining '17

Proposed an [algorithm](#) that analyses the usage of an image from its accompanying textual content, extracts image-relevant tags in the accompanying text and enhances the tags around the image.