

Sid Shukla

SOFTWARE ENGINEER

Thit Jensens Gade 2.11th, 8000 Aarhus, Denmark

☎ (+45) 5378-1968 | ✉ me@sshukla.de | 🏠 sshukla.de | 💻 thunderboltsid | 🌐 thunderboltsid | 🐦 @thunderboltsid | 📧 thunderboltsid

“Do, or do not. There is no try.”

Experience

Uber Technologies Inc.

Aarhus, DK

SOFTWARE ENGINEER II

Feb 2017 - to date

- Helping build out Uber's in-house storage gateway for storing ledger-style data with provable correctness guarantees
- Incident Commander on Uber's emergency incident response team: Ring0
- Built a general-purpose Go framework for highly-available and low-latency authentication, authorization and audit logging in services at Uber
- Built out metadata management solutions for operational storage infrastructure at Uber for GDPR and SOX compliance
- Retrofitted Uber's most critical datastores with Schemas for SOX & GDPR compliance
- Built out various parts of Schemaless (Uber's primary NoSQL datastore): DDL, DML, Server-side schema Support, and developer tooling

Google Inc.

Mountain View, CA

SUMMER OF CODE @ GRPC

May 2016 - Aug. 2016

- Added and tested Python 3.x and PyPy support to GRPC Python - A python library for a high performance RPC framework

Large-Scale Scientific Information Systems Group

Bremen, Germany

UNDERGRADUATE GUIDED RESEARCH ON PYTHON INTEGRATION FOR RASDAMAN

Sep. 2015 - May 2016

- Implemented prototype to translate NumPy algorithms to RasQL queries to be executed on distributed sharded Rasdaman nodes

Jacobs University

Bremen, Germany

TEACHING ASSISTANT FOR DATABASES AND WEB APPLICATIONS SPECIALIZATION

Sep. 2015 - Jan. 2016

- Created and graded assignments and examinations, conducted code reviews, helped weak students grasp the coursework

Dolby Laboratories Inc.

Nuremberg, Germany

SOFTWARE ENGINEERING INTERN

Mar. 2015 - Sep. 2015

- Worked on a data visualization heavy web application to visualize performance metrics over a variety of hardware for each commit in a project
- Designed and implemented the architecture for a customizable visualization dashboard using D3.js and Angular.js
- Lead to company wide adoption of the product enabling project managers to keep track of their project growth on a continuous basis

Education

Jacobs University

Bremen, Germany

B.SC. IN COMPUTER SCIENCE

Aug. 2013 - Dec. 2016

- Specialization in Databases, Web Applications, Autonomous Systems, Computer Vision, and Image Processing

Skills

Programming **Proficient:** Python, Go **Experienced:** JavaScript, SQL, Java, Scala, C, C++, PHP, Standard ML

Tools **Proficient:** Git, Vim, Vagrant, Docker **Experienced:** Perforce, Docker, Chef, Postgres

Languages **Native:** English, Hindi. **Basic:** German

Presentations

Uber Tech Days

Amsterdam, Netherlands

SPEAKER FOR UBER TECH DAYS

June 2019

- Presented the growth story of Uber's storage and compute infrastructure being built out at Uber Aarhus.

Snake Taming 101

Lausanne, Switzerland

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

Nov 2017

- A tech talk about relatively obscure Python implementation details and how to handle them when you get bit by them

Honors & Awards

2018 **Finalist**, Lauzhack Fall 2018

Lausanne, Switzerland

2016 **Finalist**, Copenhacks Spring 2016

Copenhagen, Denmark

2015 **Winner**, HackTBILISI Fall 2015

Tbilisi, Georgia