

Samir Ahmed

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Education

Master of Information Technology

Monash University

Graduated with Distinction

July 2016 – 2018

Melbourne, Australia

Bachelor of Science in Computer Science

American International University-Bangladesh (AIUB)

CGPA: 3.46

January 2008-2012

Dhaka, Bangladesh

Employment History

Software Engineer, Machine Learning

Square Inc.

October 2018 – Present

Melbourne, Australia

- Working in the Machine learning team of Cash App
- Designing and maintaining fraud detection services for online payments.

Data Engineer

Data Engineering Intern

Culture Amp

February 2017 – September 2018

December 2016 – February 2017

Melbourne, Australia

- Led the development of micro services serving text-analytics algorithms
- Designed libraries and framework for supporting event sourcing

Senior Software Engineer, Team Lead

Impel IT Solutions

June 2014 – May 2016

Dhaka, Bangladesh

- Joined as Employee no.1; grew team to 9 engineers leading the transformation all the way.
- Developed a multi-tenant SAAS e-commerce platform used by 1900+ retail stores in Europe.

Lecturer, Department of Computer Science

Atish Dipankar University of Science and Technology

June 2012 – May 2014

Dhaka, Bangladesh

- Taught Undergraduate Level Computer Science Units
- Trained students for ACM ICPC

Awards and Achievements

International Merit Scholarship, Monash University

July 2016 – Present

World Rank 121, Codesprint-2 by Hackerrank.com

January 2012

National Rank 7, Pre ACM ICPC Regional Dhaka Site

August 2011

Author Rank 152, Light Online Judge

2011-Present

Runners Up, AIUB Intra University Algorithmic Contest

June 2010

Edexcel High Achievers Award, GCE A Levels

April 2008

Skills

Django, Node.js, Socket.io, Celery, RabbitMQ

- Design experience encompassing Application server, Task Queues, Real time notification

PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis, Memcached

- Experienced in designing at scale for RDMS, Feed, Search and Caching

Amazon Web Services (EC2, EMR, RDS), Nginx, Fabric, Ubuntu, Network Security

- Advanced knowledge of deploying and maintaining distributed systems in the cloud.

Apache Spark, TensorFlow, AWS EMR, Text Analytics

- Experienced in productization of Machine Learning