

Soham Mondal

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EDUCATION

JADAVPUR UNIVERSITY

B.E IN Electronics & Telecomm.
Engg.

Grad. Dec 2019 | Kolkata, India
CGPA: 8.13/10(First Class)

-Results

SOUTH POINT HIGH SCHOOL

Grad. May 2015 | Kolkata, India

-Higher Secondary(W.B.C.H.S.E)-85%
-Madhyamik(Secondary)
(W.B.S.E)-90.28%

-Results

LINKS

Github: [Soham](#)
LinkedIn: [soham-mondal](#)
Quora: [soham](#)
Blog: [soham_wordpress](#)

SKILLS & LANGUAGES

- Verilog • Digital Design • OS • Compiler Design
- Computer Networks • C++ • Java • EDA
- English,Bengali,Hindi(Standard proficiency & writing skills)

OBJECTIVE

Technology &
Management enthusiast.
Seeking to learn & deliver
value through challenging
opportunities.

CONFERENCES

IEEE International 5G Summit & 28th
GISFI Standardization Series
Meeting(GSSM)

EXPERIENCE

FULL-TIME

SAMSUNG SEMICONDUCTOR INDIA R&D,BANGALORE

July 2019 - Dec 2019 (Senior Engineer)

- Division- Memory Solutions Team | Team-Flash Controller(SSD,UFS,NVMe,SAS,MicroSD) | Part-Superior Storage SoC DV | Job Role-SoC Design Verification Engg.
- Expertise - UVM,SV,Python(parsing,automation,GUI Development,Denali VIP,AXI,AHB)
- Specs- MIPI Unipro,UFS,MIPI MPHY -Offer

SAMSUNG SEMICONDUCTOR INDIA R&D,BANGALORE

May 2018 - July 2018 (Student Intern)

- Worked in DRAM MST.PPO Received. Hands on experience with linux gvim, RTL coding,Xilinx Vivado(FPGA-VCU108),DDR4 JEDEC Specs. Studied and documented Post Silicon validation and testing,BISR and refresh rate optimization techniques.
- Developed a proof of concept HBM MBIST Driver(Design+Testbench) compatible with DDR4. - Offer letter

ONGC Ltd., Trainee

Jan 2018 - Feb 2018

- Training in network management system of ONGC zonal office.
- Certificate

QRIUS

Marketing analyst

Jan 2018 - Feb 2018

- -Certificate

NETTECH Pvt.Ltd., Network Management Course | Trainee

Jul 2016

- Trained in computer networks,file management in linux.
-Certificate

IIM Lucknow

Marketing Management Intern | PROJECT LINK

Dec 2016 - Jan 2017

Under Assistant
Prof. Sameer Mathur

Internshala

Internshala Student Partner 6.0 | Offer |

Certificate

Aug 2016 - Feb 2017

Mentored Research India Marketing Expansion Strategy Intern | Jan 2017

- March 2017

- Marketing and business development efforts.
-Certificate

The Money Roller Equity Research Project Intern | Jun-July 2017

- Researched about the happenings in the global financial area.
-Offer | -1st term report

COURSES

-Digital Topology & Geometry in medical imaging:Theory and Application,GIAN-MHRD
-VLSI Design using VHDL@Internshala VTC

CERTIFICATIONS

-Network Management & Security@Nettech Pvt.Ltd ID-NLP/16/01S/33
-Arduino pcb design using altium circuit maker@Udemy ID-UC-DKD2WT4K

ACTIVITIES

Prizes won in fine arts club of South point school.

MINOR PROJECTS

1)Survey of sustainable utilization of a plant for bio-fuels & medicines
-Link
2)Computation Offloading
-Link
3)Messenger Chatbot@IBM AI
-Link

VOLUNTEERING

Student Mentor - JU Science Club

SOCIETIES

IET (UK) JU Chapter

MAJOR PROJECTS

ACADEMIC PROJECT(Final Year)

Under Dr. Chandrima Mondal

Comparative analysis of low power full adders

-Thesis

Cadence Virtuoso tool, Tanner

-Certificate

Text Search Engine(prototype)

Java,Maven

PROJECT LINK

The aim of this project is to build a prototype of a search engine which will work on millions of wikipedia pages(which are in XML format) and retrieves the top 10 relevant wikipedia documents that match the input query.

Automated Street Lighting system using IoT.

LINK

CERTIFICATE

Arduino,ESP8266

Wifi Controlled Robot

Arduino,ESP8266

LINK

CERTIFICATE

A Comparative analysis of public key cryptography

LINK

MATLAB

Medical Imaging & Digital Topology

LINK

Qt

Load Balancing in Cloud Computing

LINK₁

LINK₂

Java

ACHIEVEMENTS

2018 Won 2nd prize in the event PAPIER conducted by JU Electrical Engg. department Techfest (Convolution) Rs.3000 cash prize.

-Prize

2011 Selected for NTSE examination(MHRD)

2010 First prize in mathematics in South Point School

2005 General Proficiency award in South Point School.