

Abhinav Mishra

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EDUCATION

Imperial College London

October 2015 - June 2018

Bachelor of Engineering(Hons.) in Computing

Expected: First-class

The Khaitan School, India

April 2001 - May 2015

All India Senior Secondary Certificate Examination, CBSE

Overall Percentage: 97%

Graduated Top of the Class

WORK EXPERIENCE

Schlumberger

July 2016 - September 2016

Software Engineering Intern

- Worked with the Intersect team on Intersect-Visage coupling in primarily C++ and Python to plan, design and incorporate certain physical properties affecting the simulation.
- Created an application to optimize fluid flow between two cells.
- Interacted with certain clients to incorporate their requirements and improved various utilities.

PROJECTS

WACC Compiler

October 2016 - December 2016

- Worked in a group of four to build a compiler from scratch for a while based language called 'WACC'.
- Project based on Go, Parsing Expression Grammars, ARM Assembly and Shell.

ARM Emulator, Assembler and PiSquare

May 2016 - June 2016

- Worked in a group of four to develop an ARM emulator, assembler and a bare metal game for Raspberry Pi.
- Project based on C, ARM Assembly, Makefile etc.

DeskY - a virtual multi-desktop companion

February 2016

- Developed a Google cardboard application which streams all your desktop feed to your phone, where you can view them simultaneously.
- Responsible for the Unity application and the front end.
- Project based on NodeJS, Unity, Android, Google Cardboard etc.

AWARDS & ACHIEVEMENTS

Major League Hacking: Best Use of Amazon Web Services, OxfordHack

November 2016

Outstanding Group Project in Topics in Computing, Dept. of Computing

March 2016

Letter of Appreciation, Minister of HRD, Govt. of India

July 2015

SKILLS, ACTIVITIES & INTERESTS

Languages

Fluent in English and Hindi.

Technical Skills

Proficient in Java, C and JavaScript(NodeJS, AngularJS). Familiar with Go, C++ and Haskell. Experience with Amazon Web Services.

Interests

Web Applications, Golang, Automation, Football, Running and Gymming

Activities

General Committee Member(DoCSoc), Hackathons.

Last updated on November 29, 2016