

Ashutosh Rishi Ranjan

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Education

University of Melbourne

Expected to graduate June 2016

MSc. Computer Science

- Relevant courses: Declarative Programming, Distributed Systems & Algorithms, Cluster & Cloud Computing, Web Search & Text Analysis, Parallel Computing.

Symbiosis University, Pune, India

Graduated 2014

B.Tech. Computer Science

Skills

Programming language implementation: Compiler Design using LLVM

Web Development and Design:

- Programmed backends in Javascript, Python and PHP.
- Experience with designing and using REST APIs.
- Full Stack JS project toolkit: ReactJS, Meteor, Express, JQuery among others.
- Front-end development with responsive design and a focus on good UI/UX.

Platforms:

- Experienced with Unix/Linux; Configuring NGINX and Apache web servers on Linux.
- Worked on projects using Amazon AWS, Open Stack Instances.

Languages:

Current Projects: Haskell, Javascript (ES6+5)

Worked With: Python, Java, C, PHP, C++

Experience

Research Project with Compilers,

On going

University of Melbourne

- Translation of a new logical IR targeting LLVM, with a new intermediate object file format.
- Writing a complete compiler back-end in Haskell.

Web Developer,

Contracting

Melbourne Web Co.

- Worked independently and within a team environment on multiple web development projects using the Wordpress platform.
- Developed custom Wordpress plugins for a few jobs.

IT Intern,

January to May, 2013

HELLA India

- Developed a complete Inventory Management System for in-house use with a PHP back-end.
- Configured and Deployed an Employee Training Portal based on the Moodle framework for in-house use.
- Recorded usage videos and documentation to help other teams in their adoption of the portal.

**Assistant to Project Manager,
Bahwan Cybertek, Oman**

June 2013

- Modelled an implementation of an IBM Maximo Asset management solution for a client.
- Created a concept design for a responsive website for Bahwan Cybertek for the IT team.

Extra Curricular Activities

Co-Head, Student Technical Committee

2012

Symbiosis Institute of Technology, Pune, India

- Developed the annual college festival website and registration system.
- Managed the team's finances and technical logistics, while collaborating with other teams.

Github

<https://github.com/ashutoshrishi>

Hobbies

Cycling, Muay Thai

Referees

Available Upon Request.