

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

Experience

- Research Project,** *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,** *June 2013*
Bahwan Cybertek, Oman
• 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.

Technical 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++

Github

<https://github.com/ashutoshkrishi>

Hobbies

Cycling, Muay Thai

Referees

Available Upon Request.