Ashutosh Rishi Ranjan
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Education

University of Melbourne   *Expected to graduate June 2016*
MSc. Computer Science
– Relevant courses: Declarative Programming, Programming Language Implementation,
  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 Declarative Languages,   *On going*
University of Melbourne
- Translation of a newly proposed logical IR targeting LLVM using a new in-house
  functional+logical source langauge for testing.
- Developing an intermediate object file wrapper.
- Writing the complete compiler back-end in Haskell.

Web Developer,   *Contract basis, 2015*
Melbourne Web Co.
- Worked independently and within a team environment on multiple web development
  projects using the Wordpress platform.
- Developed custom Wordpress plugins in PHP for a few jobs.

IT Intern,   *January to May, 2013*
HELLA India
- Developed a complete in-house Inventory Management System on a PHP back-end.
- Configured and Deployed an Employee Training Portal using the Moodle framework.
- 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 back-end.
- Managed the team's finances and techinical logistics, while collaborating with other teams.

Technical Skills

Programming language implementation: Compiler Design using LLVM
Web Development and Design:
- Programmed back-ends in Javascript, Python and PHP.

- Experience with designing and using REST APIs.
- JS 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, OCaml, Javascript (ES6+5)
Worked With:	Python, Java, C, PHP, C++

Github

https://github.com/ashutoshrishi

Hobbies

Cycling, Muay Thai

Referees

Available Upon Request.