

Harsh Poddar

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University of Massachusetts Amherst, MA, USA

2015 – present

BS in Computer Science, Commonwealth Honors College | GPA 4.0

Work Experience

- Software Engineering Intern at Microsoft Corporation Summer 2016
 - Learned about development lifecycle of enterprise application and ways to reduce maintenance costs
 - Identified a development issue and created a Chrome extension to reduce development time for multiple teams in Microsoft Dynamics CRM
- Research Engineering Intern at ezDI LLC Summer 2015
 - Developed an information retrieval system for medical terms supporting synonyms and multiple user customizable abbreviations which is used by hospitals to lookup medical codes
 - Designed the system architecture, RESTful web services, and worked on security module
- Freelance Web Developer 2012 – 2014
 - Developed apps for corporate use and a few consumer-facing webapps for a variety of customers
- Technical Intern at The ECOSS 2011 – 2012
 - Developed an online directory, e-store, and an informational website for the company

Awards and Honors

- Received Course Citation for ranking 1/175 in CS187: Data Structures and Algorithms 2015
- 1st Place AWS, 1st Place Groupon and 2nd Place Overall at HackHolyoke 2015
- Top in India – Cambridge International A & AS Level Computing 2013 – 2014
- Top place in TiE Techies2Tycoon, Ahmedabad 2013
 - Presented an idea, worked on business plan and financials, created prototypes and pitched to angel investors, competing against 150 teams from across India; convinced to invest \$100,000*
- Team captain for Learning Hub, a challenge finding and presenting connections 2013

Technical Experience

- Advanced knowledge and experience with Java and with Spring framework (Dependency Injection, Data, Security, Social, Boot and Web frameworks)
- Worked with Apache Lucene, JSP-Servlets, MongoDB, MySQL, Redis, Hibernate ORM, C#, Scala
- Hardware projects using Raspberry Pi, Arduino and microcontrollers
- Developed client-side web applications using HTML, CSS, JavaScript and jQuery

Other Projects, Activities and Certifications

- Developed GoPapers – a web application to allow access CIE past papers with convenience
gopapers.net – 30,000 students and teachers from 135 countries use this service
- Made home automation system with microcontrollers, IR emitters, and TRIACs
- Oracle Certified Professional, Java SE 6 Programmer and Java EE 5 Web Component Developer
- Assisted teachers at Riverside School to prepare CS curriculum for middle school students
Mentored computer science students and programmers at my university