Harsh Poddar

159 Commonwealth Ave, RM 0222, Amherst, MA 01003
(413) 566-6555 • me@harsh.io

Education

University of Massachusetts Amherst, *MA, USA*   *2015 – present*

BS in Computer Science, Commonwealth Honors College | GPA 4.0

Work Experience

- Research Engineer at ezDI LLC, a Healthcare Informatics & Analytics Company   *2015*
- Freelance Web Developer   *2012 – 2014*
- TA at Royal Technosoft, leading Java discussion sessions for college students   *2012*
- Technical intern at The ECOSS, an environment-friendly company   *2011 – 2012*

Awards and Honors

- Course citation for Outstanding Performance in CS187: Data Structures and Algorithm for ranking 1st in the class of 175   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*
  150 teams presented ideas, worked on business plan and financials, created prototypes and presented to angel investors. We secured $100,000 angel investment.
- 1st place in programming competition at Teqnix   *2012*
  Teqnix is a technical festival organized by L.D. College of Engineering, Ahmedabad.
- 3rd place in a state level programming competition   *2013*
- Team captain for Learning Hub, a challenge finding and presenting connections   *2013*

Volunteering

- Chaalo Neshaad   *2012 – 2014*
  This initiative focuses on teaching Dance, Maths, English, Art, and Sports to underprivileged children from a community in Ahmadabad. My role was to manage classes, resources, trips, volunteers and promote to inspire children to join the initiative.
- TiE Young Entrepreneurs Program   *2014 – 2015*
  The program focuses on teaching entrepreneurship school students and helping them discover the rewards and challenges of becoming an entrepreneur. My task as a volunteer was to manage communications between students and mentors and to keep track on the students' progress.
- TEDx Dumas, Surat   *2015*
  This was a TEDx event happening in city of Surat for the first time. I provided my assistance with setting up the website and managing the technical resources and setting up the location of the event.

Harsh Poddar

159 Commonwealth Ave, RM 0222, Amherst, MA 01003
(413) 566-6555 • me@harsh.io

Technical Experience

- Advanced knowledge and experience with Java and with Spring framework (Dependency Injection, Data, Security, Social, Boot and Web frameworks)
- Used Apache Lucene, JSP-Servlets, Struts 2 and Hibernate frameworks
- Developed client-side web applications using HTML, CSS, JavaScript and jQuery
- Hardware projects using Raspberry Pi, Arduino and microcontrollers
- Worked with MongoDB, MySQL and Redis
- Small projects in C, C++ and Scala
- Bash and Python scripting, and LaTeX

Technical Certifications

- Oracle Certified Professional, Java SE 6 Programmer
- Oracle Certified Professional, Java EE 5 Web Component Developer
- NIIT Certified C Programmer
- TechDefence Certified Ethical Hacker

Web Services / Applications Developed

- Information Retrieval system for ezDI Inc., used by hospitals to lookup medical codes
  - Indexed hierarchical data into a multidimensional vector-based search index and wrote a synonym based search and scoring algorithm for medical terms
  - Created the framework for the RESTful web service and Java in-memory datastore
- A web application to allow access CIE past papers with convenience
  http://gopapers.net – students and teachers from 125 countries use this service
- A web application for Riverside school to maintain anecdotal records of the students – *internal use only*
- A web application for Royal Technosoft to handle and manage inquiries – *internal use only*
- An e-commerce website for The ECOSS – *not live anymore*

Miscellaneous

- Offered technical mentoring to teachers and students at school
- Mentored teachers at school to prepare CS curriculum for middle school students
- Mentored computer science students and programmers
- Added functionality to the existing website of a community service group – HEAL
- ICE distinction in Cambridge International IGCSE
- Fluent in English and Hindi; Intermediate French