Pratham Tandon

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EDUCATION

Northeastern University, Seattle, WA

College of Computer and Education Science, GPA: 3.5/4.0   Jan, 2015-present
Candidate for Master of Science in Computer Science   Expected graduation: Dec, 2016
Related courses: Programming Design Paradigm,
                     Algorithms

Manipal Institute of Technology, Karnataka, India

Bachelor of Engineering in Computer Science, CGPA: 3.8/4.0   May, 2011
Related courses: Computer Networks, Operating Systems,
                     Object Oriented Programming, Analysis of Algorithms.

TECHNICAL SKILLS

Languages:	C/C++, C#, Java, JavaScript, Scheme (DrRacket), Python
Systems:	Windows XP/7/8/8.1, Linux
IDEs:	Microsoft Visual Studio, NetBeans, BlueJ, Eclipse
Databases:	MS SQL Server, MySQL
Web Technologies:	ASP.NET, HTML5, Silverlight, ReactJS, Webpack, Gulp

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PROFESSIONAL EXPERIENCE

RSA, Security Division of EMC^2, Bangalore, India   Jan, 2011 – May, 2011
Developer Intern
- Re-authored server API's to expose them as a web service over SOAP/HTTPS
- Suggested improvements in existing services that increased performance of service by 21%

Microsoft India Pvt. Ltd., Hyderabad, India   Aug, 2011 – Dec, 2014
Software Development Engineer
- Logged 110 major/minor security bugs in Windows Azure Media Services.
- Developed the front-end of tool used to calculate payroll for 120,000 employees of Microsoft worldwide.
- Published 2 technical papers, both of which got an overall rating of 3/5 by the review committee.

TUNE, Seattle   June, 2015 – Sep, 2015
Software Development Engineer Intern
- Worked with Mobile App Tracking team at TUNE to build two internal tools from scratch
- The front-end of the tools used ReactJS as the UI library with Flux architecture for application logic.
- The projects used modern build and deployment tools such as Gulp, Webpack and Docker. ECMAScript 2015 (ES6) was used as the full-stack development language with Babel ES6 transpiler.

PROJECTS

Windows Azure Media Services, Microsoft Corporation, Redmond, WA May, 2012
Security Software Developer
- Worked as a security developer responsible for threat modeling and API fuzzing in Media Services team.
- Logged 110 major/minor security bugs in different modules.

ACHIEVEMENTS
- Awarded Key Talent award at Microsoft for 2 consecutive years.
- Stood 80 amongst 646 participants at Hacker Rank CodeSpring 2015.