Vaibhav Verma

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Education

Rutgers University - School of Arts and Sciences	New Brunswick, NJ
M.S. in Computer Science	Class of 2014
B.S. in Computer Science, GPA: 3.9, Summa Cum Laude	Class of 2013

Experience

Part Time Lecturer, Rutgers Department of Computer Science — Piscataway, NJ
September 2013–Present
- Teach two recitation sections for CS 110 – an introductory course for non-majors.
- Plan lessons each week, teaching new topics, and reviewing material covered on assignments.
- Grade student assignments, proctor exams, and hold office hours/lab support to help students succeed in the course.

Software Engineering Intern, Twitch.tv — San Francisco, CA
June–August 2013
- Worked on a reporting tool in Tornado that collected information on video stuttering in our infrastructure.
- Rearchitected the video transcoding stack on the site to be more fault-tolerant, and distributed.

Peer Leader, Rutgers Department of Computer Science — Piscataway, NJ
September 2010–May 2013
- Lead 1-2 recitation sections each semester for CS 111 – an introductory programming course in Java.
- Review basic programming concepts covered in lecture each week, and help students with assignments.
- Manage and grade student projects in the course that involve weekly milestones and assessment.

Software Engineering Intern, Microsoft Inc. — Redmond, WA
June –August 2012
- Designed a new component for the Global Compute Manager service in the Windows Azure runtime in C# using the ASP.NET Web API.
- Presented its architecture and impact to senior management at Microsoft.

Leadership Activities

Peer Instructor, First Year Interest Group Seminar Program
- Planned the syllabus and curriculum for a 10 week course offered to first semester students at the university interested in Computer Science.
- Taught the course independently in Fall 2011, while assessing student work, responding to their feedback, and serving as their mentor inside and outside of the classroom.

President, Undergraduate Student Alliance of Computer Scientists
- Represented Computer Science students and addressed department related concerns.
- Founded and organized HackRU, a 24 hour student hackathon, to foster entrepreurship in students from the technical community in the North East.
- Tutored Computer Science students weekly on a volunteer basis.