Koushik Dasika

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Objective :

A career opportunity leading to my professional development in Software Development, Web Development, and utilizes my aptitude in Mathematics.

Skills:

Languages and Frameworks: Java, C, PHP, Ruby on Rails

Education:

Rutgers University   **New Brunswick, NJ**
Bachelors of Science   **May 2012**
    Majors: **Computer Science**, **Mathematics**
- Dean's List
- Secretary, *Mathematical Association of America Rutgers Chapter*

Experience:

Peer-Leader – Computer Science Department   **Fall 2011 – Spring 2012**
- Conducted *Recitation* for students taking Introduction to Computer Science, a basic Java Course
- Guided students through original programming problems and ones provided by the professor

Medical Records Scanner – Somerset Medical Center, Somerset NJ   **May 2009 – January 2011**
- Prepared patient charts suitable for digitization
- Performed quality assurance checks on digitized records

Activities:

Directed Reading Project – Mathematics Department   **Fall 2010 – Summer 2011**
- Directed Reading Project membership along with a Ph. D candidate on researching algorithms for finding closed form sums on Hypergeometric Series using Maple (Fall 2010 semester)
- Presented a talk on "Finding Closed Form Sums of Hypergeometric Series"
- Directed Reading Project membership along with a Ph. D candidate researching classical analysis, including topology and the basics of measure theory (Spring and Summer 2011)

Projects:

Mood Music – Hack 'N Jill Hackathon   **March 31 – April 1, 2012**
- An application that takes a picture of your face and then plays music that matches your mood
- **Won "Best Video Application"** Award **and "Best Mashery Application"** Award
- Developed using Ruby on Rails, JQuery, Face.com API, and Mashery API

NowTutor.Me – Princeton Hackathon   **March 31 – April 1, 2012**
- Founded an open web service that allows sign up of tutors, students and search of other users
- **Won "Best Web Application" Award** at the Spring **Princeton Hackathon**
- Developed using PHP, MySQL, and Yelp API

Easy Mood – Penn Apps   **January 13 – 15, 2012**
- A site that takes in a zipcode and gives a soothing picture of a cat, music, and local news based on local weather
- **Won "Best Mashery Application"** Award at Spring Penn Apps hosted by **University of Pennsylvania**