Varun Madiath

Personal Data

Address:	1981, 15th Street, Troy, NY 12180
Phone:	518.577.0554
email:	madiathv@gmail.com

Objective

To obtain a co-op or internship starting in the summer of 2012 that will leverage my computer science skills while working on a challenging software project.

Education

May 2013 — Bachelor of Science from **Rensselaer Polytechnic Institute**, Troy, NY
Dual Major: Computer Science and Game Simulation Arts and Sciences
GPA: 3.8/4.0

Work Experience

Jan 2011 to Present — Research Assistant at **Rensselaer Polytechnic Institute**
Developed Java applets used to teach Mathematics using music.
» Created custom user interface controls using Java2D and Swing

Jan to Dec 2010 — Teaching Assistant at **Rensselaer Polytechnic Institute**
Explained algorithms, and aided students with implementing the algorithms in C++.

Jan to May 2010 — Personal Tutor at the **Advising & Learning Assistance Center, RPI**
Tutored student for a discrete mathematics course resulting in an improvement of six letter grades.

Computer Skills

Programming	Java, C++, Python, PHP, Haskell, Lua	Build Systems	Ant, Make
Operating Systems	Windows, Linux	Web Technologies	HTML, XML, CSS
Version Control	Git, Subversion	Frameworks	Swing, Django, Drupal
Other	Word, Excel, Powerpoint, Photoshop		

Leadership Activities

Spring 2011 — Recruitment Chair for the Chi Phi Fraternity
Responsible for attracting new members.
» Created new templates for all documents after a change in school procedure invalidated old ones.

Spring 2011 to Fall 2011 — Historian for the Chi Phi Fraternity
» Redesigned website moving it from static pages, to a dynamic content management system resulting in updating the content taking over 90% less time.
» Designed and sent out the semi-annual newsletter for alumni.

Academic Honors

» Dean's List
» International Leadership Award
» Upsilon Pi Epsilon, Computer Science Honor Society
» RPI Founders Award

Other Activities

» RPI Exemplars Entrepreneurship Program
» Class of 2013 Ring Committee
» RPI Association for Computing Machinery (ACM)