

Mariam Tsilosani

146 south 6th Avenue, Manville, NJ 08835
(848) 218-2665 – mariamtsilosani@gmail.com

Objective

Seeking a position as a software engineer.

Education

B.S. Computer Science, Rutgers University, New Brunswick, NJ – Degree will be earned in 2015

- GPA: 3.09

A.S. Web Development, Raritan Valley Community College (RVCC) – Spring 2012

- Spring 2010 - President's List
- Spring 2011 - President's List
- GPA - 3.52

Manville High School. NJ, USA (2008 – 2009), Graduated in top 15% of the school district: granted New Jersey Stars scholarship.

Technical Skills

Software Development:

- Java, C, Python, HTML/CSS, Action Script, XML, Javascript.

Database Design and Implementation:

- MySQL, XQuery, Datalog, XPath.

Applications:

- Adobe CS5.5 - Photoshop, Premier Pro, Dreamweaver, Illustrator, Flash Professional CS5, Flash Builder 4, Eclipse.

Project Experience

- Worked on several C and Java projects that involved different data structures, linked lists, heaps, stacks and queues, hash tables, search trees and graphs, including JSP and MySQL projects.

Work Experience

Teacher's Assistant, Introduction to Computer Science 111 (Java)– Rutgers University

Sept, 2014 – Present

Large-scale Similarity Graphs Construction Methods – Intern

Rutgers University, Internship Research Experience for Undergraduates

May, 2014 - Aug, 2014

- Assisted on DNA Sequencing research with professor Jaroslaw Zola, which entailed testing the efficiency and accuracy of the program the professor has developed.
- Coded programs to analyze the output research data: C, Python.
- Troubleshooted and debugged code to assure that the correct output was generated: Matlab.
- Coded scripts that accepted data in xml format and generated files describing parent/child relationships of the elements: Python.

Counselor at Catholic Charities, Diocese of Metuchen NJ, Location: Hillsborough Elementary School, NJ

Feb, 2009 - Jun, 2011

- Managed groups of children of varying ages, devised engaging and developmentally appropriate activities, and were responsible for the safety of 50+ children on a daily basis. Worked in conjunction with schools and in conformance to state-mandated guidelines.

Organizations and Extracurricular

- Phi Theta Kappa while at RVCC
- Women in Computer Science. Sept, 2013 - May, 2014
Position: Secretary, managed meeting schedules/plans. Constructed and sent out important club information to all the club members on weekly bases.
- Attended HackRU, a programming competitions at Rutgers.