**Angela Njari**

10 Purple Lane

Countryside, CT 01234

Email: anjari@gmail.com

**Experience**

* **Research Assistant** *with Prof. Wonderful, Williams College* – Jan. 2012
	+ Will be mathematically modeling a mutualistic biological system
* **Campus Monitor and Switchboard Operator** *at Williams College -* Sept. 2011 to present
	+ Operate the college switchboard and check campus emergency phones/escort students
* **Minority Coalition Representative** *for the Black Students Association -* Sept. 2011 to present
	+ Served as a liaison between the club and the college minority coalition, allowing coordination and solidarity between the different minority clubs on campus
* **Server** *at Thai Palace Restaurant* – May 2012 to August 2012 (summer job)
	+ Performed various duties when the restaurant hosted parties
* **Assistant Instructor** *at International Black Karate School* – 2007 to 2011
	+ Aided the instructor in correcting the form and technique of younger students
* **Researcher/Student** *at the Connecticut Science High School,* July 2011
	+ Studied and created artificial neural networks using MATLAB

**Education**

* **Regional High School, Norwalk CT USA – 2007-11**
	+ *With* Introduction to Number Theory *taken at* **Yale University**
	+ AP Courses:
		- Calculus BC; Statistics; Biology; Chemistry; Physics C; Computer Science; Micro and Macroeconomics; World History; US History; German; English Language and English Literature
* **Williams College, Williamstown, MA, USA – fall 2011 onward**
	+ Coursework
		- Fall 2012 - Multivariable Calculus; Data Structures and Adv. Programming; Genetics; Inequality and Development in a Globalizing World
		- Spring 2013 - Differential Equations; Computational Biology; Modern Physics; Price and Allocation Theory; Drawing

**Skills**

* Fluentin **English** and **Swahili**; understand **Hindi** and **German**
* Experienced with **Java**, **C++**; working knowledge in **Python**, **MATLAB**, and **Mathematica**
* Varsity athlete - **Cross country**, **track and field**
	+ Captained Cross Country, and two seasons of track in high school senior year
* Third degree **black belt** and **assistant instructor** in **karate**

**Awards**

* **National AP Scholar and AP Scholar with Distinction**
* **National Merit Scholar**
* **Hightstown High School Fall Scholar Athlete Award**

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**EDUCATION**

**Williams College**, Williamstown, MA *B.A. Expected 2015*

Relevant Coursework: *Data Structures and Advanced Programming,*

*Computational Biology, Multivariable Calculus, Differential Equations, Modern Physics*

**Regional High School**, CT *Graduated 2011*

Relevant AP Coursework: *Computer Science, Physics: Mechanics, Calculus,*

*Statistics, Chemistry, Biology*

Awards

* Ranked 3rd in a class of 336 students
* National AP Scholar and AP Scholar with Distinction
* National Merit Scholar
* Regional High School Fall Scholar Athlete Award

**PROGRAMMING AND LANGUAGE SKILLS**

* Experienced with Java, C++; working knowledge in Python, MATLAB, and Mathematica
* Fluent in English and Swahili; understand Wolof and German

**RESEARCH EXPERIENCE**

*Research Assistant*with Prof. Wonderful, Williams College  *Jan. 2013*

* Mathematically modeled the effects of perturbations in a mutualistic biological

system using concepts of chemical kinetics and the modeling power of *Mathematica*

*Researcher/Student*at the Connecticut Governor's School in the Sciences  *July 2011*

* Created artificial neural networks using MATLAB capable of “memorizing” and “recalling” images using a Hopfield Network implemented Hebbian Learning

**LEADERSHIP EXPERIENCE**

*Minority Coalition Representative***,** Black Students Union, Williams College *2011-present*

* Served as a liaison between the club and the other campus minority groups

*Assistant Instructor***,** International School of Karate, Suburbia, CT *2007 to 2011*

*Captain***,** Regional High School Cross Country, Winter and Spring Track teams *2010-2011*

**EXPERIENCE IN SERVICE INDUSTRIES**

*Campus Monitor and Switchboard Operator***,** Williams College *September 2012*

* Operated the college switchboard and checked campus emergency phones

*Waiter***,** Thai Palace Restaurant, Suburbia CT *Summer 2012*

**ATHLETIC ACCOMPLISHMENTS**

*Four year varsity letters*in high school cross country, winter track, and spring track *2008-2011*

*Third degree black belt*in Karate