WILLIAM T. TARIMO

Brandeis University • 415 South Street • MS 018 • Waltham, MA 02453 • (860) 501-7893 • wtarimo@brandeis.edu

EDUCATION

Ph.D. in **Computer Science** expected **May 2016**　　　　　　　　　　　　　　　　**BRANDEIS UNIVERSITY,** Waltham, MA
Doctoral Fellowship: Teaching Assistantship

MA in **Computer Science, Feb 2014, GPA 3.59**　　　　　　　　　　　　　　　　　**BRANDEIS UNIVERSITY,** Waltham, MA
Relevant Courses:　　Fundamentals of A.I., Component-based Software Development, Networked Information Systems, IT Entrepreneurship, Android Development, Statistical Machine Learning, Computational Linguistics, Scientific Computing, Software Development for IT Entrepreneurship

BA in **Mathematics** and **Computer Science**, **May 2012, GPA 3.66**　　　　　　　**CONNECTICUT COLLEGE**, New London, CT
Relevant Courses:　　Database Systems, Multimedia, A.I, Algorithms, Robotics, Web Technologies & Mobile Computing, Structured Computer Organization, Operating Systems, Data Structures, Python, Probability, Linear & Abstract Algebra, Calculus II, III, Real & Complex Analysis, Discrete Mathematics, Statistics

DISTINCTIONS

The Computer Science Award for excellence in research, academics, and service: Connecticut College, May 2012, *Dean's (High) Honors*: Fall 2008 – Spring 2012, *KECK Research Grant Recipient*: Summer 2010, *Among best 10 male candidates at national level*: Tanzania's final Secondary School examinations (NECTA) 2004, *UWC and Davis Scholar*: 2006-7 and 2008-12 resp.

KEY SKILLS

Programming:　　**Python**, **Java**, **Matlab**, **SQL**, Scheme, **HTML5**, **CSS3**, **JavaScript**, PHP, **JQuery**, **Ruby on Rails,** NodeJS, Express
Systems:　　Windows, OS-X, Linux, iOS, Android, Pivotal Tracker, Trello, Git, GitHub, CodeShip, Heroku, PhoneGap, Android Development, Parse
Other Skills:　　Basic robotics design, construction & control, Web development, Customer service over the phone and in-person, IT Service skills, Agile Methodologies & IT Entrepreneurship, Educational Tech, MapReduce
Languages:　　Fluent - English, Native - Swahili, Conversational - Spanish

RELEVANT EXPERIENCE

Doctorate Research: **Computer Science Department**, Brandeis University　　　　　　　　　　　　　　**2012 - Present**
Researcher　　　　• Developing web tools for more effective computer-mediated interactive pedagogies.
　　　　　　　　• Developed *TeachBack*, an in-class web app that helps teachers and students engage in more effective pedagogy.

IEEE Computational Intelligence Society, IEEE International Conferences, New Orleans & Alaska　　　**2011**
Researcher　　　　• Presented and got three research works published during CEC and SMC. Papers: 1, 2, 3
Session Co-Chair　　• Co-chaired the *Mobile Robot Control* session during IEEE SMC
Paper Reviewer　　• Reviewed papers for IEEE World Congress on Computational Intelligence.　　　　　　　　**2012**

Internship, Independent Studies & Research Projects: Connecticut College　　　　　　　　　　　　　**2010 - 11**
Student Researcher　• Developed advanced robotics training system using wireless communication, simulation, and overhead camera.
　　　　　　　　• Studied and developed Cyclic Genetic Algorithms for gait generation on 4 & 6 legged servo-robots
　　　　　　　　• Conducted studies on effects of adding 'greedy genetic selections' on Cyclic Genetic Algorithms

IT Service Desk: Information Services, Connecticut College　　　　　　　　　　　　　　　　　　　　**2008 - 12**
IT Service Desk Assnt　• Provided technical support to the college community on computer software and hardware problems
　　　　　　　　• Mastered customer support over the phone, onsite, email, IM and the Web Help Desk online system

Robotics & Computer Science Department, Connecticut College　　　　　　　　　　　　　　　　　　**2009 - 12**
Teaching Assnt.　　• Tutored and helped students learning Python, Java, Scheme and LEGO construction & programming
Robotics Lab Mngr.　• Organized robotics lab, restocked and ordered parts & components　　　　　　　　　　**2011 - 12**

LEADERSHIP AND CO-CURRICULAR EXPERIENCE

Club Memberships:　• BrandITE (Brandeis IT Entrepreneurship Lunch and Learn)　　　　　　　　　　　　　**2013**
　　　　　　　　• Students Taking Action to Fight Fistula, African Student Union, International Students Club　**2008 – 12**
President:　　　　• Student Advisory Board (SAB) – Computer Science Department, Connecticut College.　　**2011 - 12**