Rami Al-Rfou'

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Personal Info

- Date of Birth: September 12th, 1986
- Place of Birth: Tafila, Jordan
- Nationality: Jordanian
- Student Visa: F1

- Martial Status: Single

- 350 Circle Rd.
  Stony Brook, NY 11790

Education

SEP 10 - present — **PhD in Computer Science**, *Stony Brook University*, Stony Brook, NY.
GPA: 4.0/4.0. Courses: Operating Systems, System Security, Algorithms, Programming Languages, Computational Geometry, Discrete Math.

FEB 09 — **BSc. in Computer Engineering**, *University of Jordan*, Amman, Jordan.
GPA: 3.79/4.0, ranked 4th of a 128-student class.

JUN 04 — **Secondary Education Diploma**, *Tafila Secondary School*, Tafila, Jordan.
Percentage average: 97.4%, 99.9th percentile nationwide.

Experiences

AUG 10 - present — **Teaching Assistant**, *Stony Brook University*, Stony Brook.
Fall 2010: • Computer Science I (CSE114) • Computer Science III (CSE219)
Spring 2011: • Analysis of Algorithms (CSE373)

FEB 09 - JULY 10 — **Lab Instructor**, *Middle East Technical University*, TRNC.
My tasks involved:
- Designing new experiments for the Microprocessors lab (EE347).
- Teaching Circuit, Electronics, Telecommunication, Digital Design labs.
- Conducting recitations for PSpice, Proteus and Matlab.
- Writing new Manual for the Electricity and Magnetism Lab.

APR - DEC 08 — **Software Developer**, *Jovision*, Amman, Jordan.
Developed new image processing fault detection algorithms for the JoInspector software using C# and MATLAB, the software is used in tire factories QA departments. Established the IT infrastructure and the work environment and constructed a new website.

Honors and Awards

AUG 10 — **Stony Brook Computer Science Fellowship**.
JUL 09 — **IEEE Student Branch Membership Growth Award for Region 8**.
APR 09 — **IEEE Darrel Chong Student Activity Bronze Award**.

OCT 04 — **The Ministry of Higher Education Scholarship**
Received for my excellence in the Secondary Diploma exams. The scholarship covered my college study tuitions.

MAY 02 — **The National Mathematics/Physics Olympiad**
Scored the first in both Mathematics and Physics National Olympiads in the southern region of Jordan and 7th nationwide.

Publications

FEB 11 — William Jannen, Rami Al-Rfou' and Nikhil Patwardhan , TrackMeNot-so-good-after-all submitted to the The 11th Privacy Enhancing Technologies Symposium.

Achievements

Oct 09	Scored 830 out of 900 in the GRE$^®$ Computer Science Subject Test (87$^{\text{th}}$ percentile).
Feb 09	Received excellent mark for my graduation project, "TCP performance over IEEE 802.11 wireless links". During which I made a thorough review and simulation, using ns-2, to study the complexity and performance of proposed protocols in literature.
Jun 08	Ranked second in the National Technology Parade under the Open Theme for designing and implementing a low cost portable digital oscilloscope. The project was invited for the Parade's exhibition.

Voluntary Work

Oct 08 - Sep 09 **Mentor**, *IEEE student branch*, University of Jordan, Amman, Jordan.
Oct 07 - Sep 08 **Chairman**
- Organized the National Technology Parade.
- Raised fund to the branch and created connections with the local companies.
- Participated in the IEEE Region 8 Student Branch and GOLD Congress.
- Constructed a new website for the branch (`ju-ieee.com`).
- As a mentor I helped and adviced the next branch committee.

Jan - June 08 **Designer and Administrator**, *Theoretical Physics Lab*, Uni of Jordan.
- Participated in designing, building and administrating a beowulf linux cluster, in response to the lab's demand for faster computation.

Oct 06 - Jan 08 **Team Leader**, *"We Are All Jordan" Youth Commission*, Jordan.
- Paricipated in the efforts that established and founded the youth commission.
- Represented the Jordanian youth as a part of the official delegation during the state visit of His Majesty King AbduAllah II to China, from Oct.27$^{\text{th}}$ - Nov.1$^{\text{st}}$ 2007.
- Participated in the first and the second Jordan Youth conferences.

Skills

Languages	• Arabic: Native	• English: Fluent
Programming	Proficient in programming in C/C++, Python, MATLAB and Assembly (x86, HC11, PIC16).	
Computer Skills	Experienced in building and maintaining networks infrastructure and managing Linux systems.	

Interests

- Contributing to Free Software.
- Blogging: `http://ramialrfou.com`