

Undergraduates Seeking Internships

Wissem Gamra

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EDUCATION

Yale University – New Haven, CT, USA

Sept 2014 – Present

- ABET accredited B.S. in Electrical Engineering, expected May 2018, current GPA 3.82
- Courses Taken: Circuits and System Design, Communications Computation and Control, Semiconductors, Microelectronic Circuits, Introduction to Programming (Java), Introduction to Computer Engineering, Introduction to Computer Science (Racket/Scheme), Introduction to Electronics, Multivariable Calculus, Linear Algebra, Differential Equations, Elementary Modern Chinese I & II.

African Leadership Academy (ALA) – Johannesburg, South Africa

Sept 2012 – June 2014

- Leadership, Entrepreneurship, and African Studies curriculum
- Completed Cambridge A-level Exams in French Literature, Physics and Mathematics
- Founded *Connecting Youth Connecting Africa*, a student-run enterprise fighting preconceptions about Africa

SELECTED EXPERIENCE

Neuro-Electronics Research Flanders – *Neuroelectronics Intern* - Leuven, Belgium

June 2016 – August 2016

- Built a plethysmography chamber from scratch, used to measure and monitor breathing of unrestrained mice (market value: €33,000). Led a team to upscale the project to be able to run experiments on multiple mice simultaneously.
- Led experiments on novelty processing to ultimately study the memory.

Yale Student Technology Collaborative – *Student Tech* New Haven, CT, USA

December 2014 – Present

- Repaired and refurbished personal laptops in the hardware office
- Advised students face-to-face in troubleshooting office; Wi-Fi issues, liquid spills, etc.
- Managed incidents through daily communication and ensured efficient and organized service for clients with other Student Technicians and Yale ITS employees

Freelance Theatre Producer – New Haven, CT, USA

January 2015 – Present

- Recruited and supported critical staff members in multiple technical departments (sets, lights costumes, etc.)
- Ran bi-weekly (later nightly) meetings with entire staff (~15 people) to design and then execute the show
- Awarded the Creative and Performing Arts (CPA) Award 5 times for funding (\$1500 each time)
- Productions
 - *Steel Magnolias* by Robert Harling, November 2016
 - *The Language Archive* by Julia Cho, November 2015
 - *Curse of the Starving Class* by Sam Shepard, April 2016

SELECTED STUDENT LEADERSHIP EXPERIENCE

Bulldog Racing Formula SAE – *Electrical Engineering and Computer Science Team*

September 2016 – Present

- Working on designing and producing the first ever Yale electrical formula-style racecar
- Worked on building and designing the battery and the high and low voltage circuit designs

Yale Computer Society – *Treasurer*

September 2016 – January 2016

- Organized and hosted tech-talks on campus with famous speakers
- Managing and securing funds for all YCS events

Yale African Student Association – *Vice President*

April 2015 – Present

- Managed board members, ensuring they are fulfilling their duties
- Organized Africa Week, a campus-wide week-long event with 100+ participants
- Rebuilt structural guidelines for organization by rewriting constitution

Bulldog Productions – *Vice President and Filmmaker*

November 2014 – Present

- Bulldog Productions is the only student-run film production organization on Yale's campus
- Managed film projects and administrative decisions made by the organization
- Consulted on student screenplays and films

SELECTED HONORS

- Recipient of the Tunisian Presidential Award for being the first Tunisian to be admitted to Yale in 2014
- Recipient of Richard U. Light Fellowship, highly competitive East-Asian language study abroad Fellowship (China)
- Ranked 29th worldwide in the “Salon international des jeux mathématiques” (international math games competition) for 2010

SKILLS

Fluent in Arabic, French and English. Elementary proficiency in Mandarin.

Final Cut Pro X, Racket/Scheme, Java, Unix.