ZULKIFL GIRE

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EDUCATION

Bachelor of Science; Honors Electrical Engineering — December 2017
Minor in Arabic
Cumulative GPA: 3.29

WORK EXPERIENCE

AIG (American Insurance Group) – Summer Technology Analyst, Desktop Engineering; *Houston, TX* — Summer 2016

- Created workstations with Dell CFI (Custom Factory Integration) builds
- Implemented Microsoft SCCM and ServiceNow to complete customer requests
- Collaborated with managers in headquarters around the world to set up Distribution Points

Baylor College of Medicine, Aiden Lab – Pre-Doctoral Fellow in Bioinformatics, *Houston, TX* — Summer 2015 – Present

- Developed and improved 3D genome sequencing software, called Juicebox, using Java
- Enhanced augmented and virtual reality software called VisoR using the Samsung Oculus
- Created a colorblind testing app using Java and Ishihara tests

Crossfit Level 1 Trainer: Crossfit 1525, ROW Studios, West U Crossfit – Trainer/Coach; *Houston, TX* — Spring 2015 – Present

- Coach athletes through high intensity workouts involving functional movements
- Teach introductory fitness classes and advanced Crossfit and powerlifting classes at multiple gyms.

Houston Public Library Central, Communications Dept – Employee; *Houston, TX* — Summer 2014

- Designed brochures, posters, and ads for the communications department using Adobe Pitstop

Bechtel Oil and Gas (Mentorship Program) – Mentee; *Houston, TX* — Fall and Spring 2013

- 1st place in the local ACE (Architecture, Construction, and Engineering) Mentorship Program design competition
- Designed a model of a FIFA World Cup stadium in Marbella, Spain using Prezi, Excel and Google Sketch Up
- Implemented a wide range of concepts including HVAC calculations, Gantt charts, and cost analysis

ACADEMIC INTERNSHPS

Rice University – Research Assistant/Intern — Fall 2013 – Summer 2014

- Worked in the RiSYS(Robotics & Intelligence Systems) lab under Dr. Fathi Ghorbel, Chair Professor of MEMS
  - Developed and programmed robots to detect pipeline defects via MFL (Magnetic Flux Leakage)
  - Created mathematical models, controlled robots, and analyzed MFL scan data using Matlab
  - Researched the use of PLCs (Programmable Logic Controllers) to control robot motors

LEADERSHIP AND ACTIVITIES

SPARK Club (Students Performing Acts of Random Kindness) – *Co-Founder, President* — Fall 2014 – Present

- Organized volunteering and fundraising events throughout the community
- Raised over $3000 worth of toys for the M.D. Anderson Children's Cancer Center Toy Drive
- Hosted community-wide food drive with Houston Food Bank, raised over 650lbs of food
- *Petals for Peace* – Created community wide event to raise awareness and promote peace. Collectively distributed 850+ flowers to strangers in Hermann Park

University of Houston Energy Association – *Member* — Fall 2014 – Present
Institute of Electrical and Electronic Engineers (IEEE) – *Member* — Fall 2013 – Present
Eta Epsilon Rho, Honors Engineering Program (HEP) – *Member* — Fall 2013 – Present

HONORS AND AWARDS

- IPL World Champion and IPL World Record Holder, Jr. 60kg - Deadlift — Fall 2016
- USPA National Champion, Jr. 60 kg — Summer 2016
- USPA Texas State Record Holder, Jr. 60 kg - Squat — Fall 2015
- Modern and Classical Languages - Excellence in Arab Studies Award — Spring 2015
- University of Houston Dean's List — Fall and Spring 2014
- University Honors, University of Houston — Fall 2013
- University of Houston-Academic Excellence Scholarship Recipient — Fall 2013
- ACE (Architecture, Construction, and Engineering) Local Competition- 1st Place — Spring 2013
- Bechtel Oil and Gas, ACE Excellence Scholarship Recipient — Spring 2013
- VEX Robotics World Competition Qualifiers and Competitors — Spring 2012 and 2013

SKILLS AND INTERESTS

- *Computer Skills*: C++, Java(proficient), LabView, Matlab(proficient), Mathematica, Siemens Step 7(beginner)
- *Languages:* English, Urdu (native), Spanish (proficient), Arabic (working knowledge)
- *Work Status:* US Citizen - Eligible to work in the US without any restrictions