Arax Nairy Harfouchian

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LinkedIn

Education

Bachelor of Engineering: Electrical and Computer Engineering	**Sept 2015 – July 2020**
American University of Beirut (AUB)	**Beirut, Lebanon**

Experience

High Performance Computer System/User Support	**Aug 2019 – Present**
AUB IT Research Computing Services	**Beirut, Lebanon**

- Created over 50 accounts for new users and trained them to run their first jobs
- Installed new applications/compilers/libraries and configured them according to the SLURM scheduler
- Maintained the dashboard (using Kibana), checked for out of the normal activities, and categorized application commands

High Performance Computer (HPC) Performance Analyst - Intern	**June 2019 – July 2019**
AUB IT Research Computing Services	**Beirut, Lebanon**

- Improved the performance of the vHPC- from 20% utilization to 107.4%- by changing the configurations of the BIOS, hypervisor, OS and job scheduler (SLURM)
- Benchmarked, using LINPACK, the performance of the vHPC when running on different VMWare clusters
- Developed admin tools and executables to speed up mundane and time consuming procedures (about 50% faster)
- Developed an updated user-guide based on the previous HPC's user-guide and published it

Senior IT Help Desk Assistant	**Jan 2019 – May 2019**
AUB IT	**Beirut, Lebanon**

- Created, reviewed, and updated more than 100 Help Desk tickets and distributed them to the appropriate team members
- Set up over 10 new computers per month and provided level 1 field support to professors, faculty and staff
- Trained 5 new work-study program students in the IT department

IT Help Desk Assistant	**Aug 2015 – Dec 2018**
AUB MSFEA Department	**Beirut, Lebanon**

- Troubleshot and repaired more than 15 cases per month for professors, faculty members and labs
- Assisted more than 20 students with software installations and licensing when problems arose
- Received more than 100 new IT inventory and created a record on inforEAM

Accounting Intern	**May 2015 - Jan 2016**
Food Plus Company (Mamig's Kitchen)	**Beirut, Lebanon**

- Managed the accounting activities while the senior accountant took her 2 months' maternity leave
- Completed over 50 accounting transactions per day
- Developed a new tailored excel model for inventory management

Extracurricular Activities

- Certified First Aid provider by the Lebanese Red Cross
- Cabinet Member of Lebanese Armenian Heritage Club (July 2017 - August 2019)
- Volunteer Leader for Children's Summer Camp (2014 - 2019)
- Children's Sunday School Teacher (Sept 2013 - July 2015)
- Hobbies include animal welfare advocacy, choir, arts and crafts, hiking, ping-pong, and swimming

Skills

- Proficient in spoken Arabic and written and spoken English and Armenian
- Computer Skills: MS Office, C++, VHDL, Sphinx, Pspice (orCAD), Hspice, Kibana, GIT, basic Linux

Achievements

MSFEA Awards: ECE Best Communication Systems Project	June 2020