Adnan Utayim

PROFILE

- 5 years of academic programming experience.
- Keen attention to details and exemplary organization skills.
- Team player with a passion to learn and contribute.
- Aptitude for solving challenging problems.
- Open to developmental feedback to help hone knowledge and skills.
- Multiple academic distinctions and awards.

EXPERIENCE

2017 – PRES

Concordia University
Research Associate

- Immersive and Creative Technologies Laboratory.
- Working on multiple research topics on Computer Graphics and Computer Vision.
- 3D Reconstruction of large-scale areas from remote-sensor data.
- Inversed Raytracing for illumination-reversal using CUDA.

2016 – 2017

American University of Beirut
Research Assistant

- Coauthored a research paper on Partially Asynchronous Interactions in BIP^+.
- A framework for automated distributed implementation of component-based models.
- Published in IFM 2018.

2016 – 2017

Interactive Life
Android Developer

- Development and maintenance of an Android SDK.
- Enables building complete mobile applications corresponding to user-defined drag and drop design.

2015 – 2016

American University of Beirut
Private Tutor

- 60^+ hours of tutoring university students.
- Courses related to Programming, Data structure, Algorithms, and Theoretical Computing.

2015 – 2016

American University of Beirut
System Analyst Assistant

- Work and Study Program.
- Handling and maintaining a network of over 100 workstations running different operating systems.
- Providing technical support for academic units.

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COMPUTER SKILLS

ADVANCED	C++, Java, OpenGL, Linux Android, MPI, OpenMP, CUDA LaTeX, MySQL, Vim, Git
INTERMEDIATE	Bash Scripting, CMake, Makefile Utility

EDUCATION

2017 – PRES.	**Computer Science** UNDERGRAD STUDENT *Concordia University.*
2014 – 2016	**Computer Science** UNDERGRADUATE STUDENT *American University of Beirut. Enrolled for three semesters.*

ACHIVEMENTS AND AWARDS

2018	**NSERC Research Award** *Awarded by the Natural Sciences and Engineering Research Council of Canada*
2016	**Supernacci Competition** 2nd place. An algorithmic-math competition held annually.
2015	**ACM LCPC** 1st place and Fierce Programmers. Lebanese Collegiate Programming Contest, an international programming competition.
2015	**Student of the Year** *Awarded by the American University of Beirut for outstanding academic performance in the department of computer science.*
2015	**Dean's Honor List** *American University of Beirut.*

PUBLICATIONS

Facilitating the Implementation of Distributed Systems with Heterogeneous Interactions. Salwa Kobeissi, Adnan Utayim, Mohamad Jaber, Ylis Falcone. IFM 2018 - 14th International Conference on integrated Formal Methods, Sep 2018, Maynooth, Ireland. pp.1-19. Read Online