

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 – 2018

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, Android, Linux, Computer Graphics, OpenGL, Linux, MPI, OpenMP, \LaTeX , MySQL, Vim, Git

INTERMEDIATE C#, Unity, Computer Vision, Cuda, 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 in the American University of Beirut.
- 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. For achieving the highest GPA in the Department of Computer Science

PUBLICATIONS

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