

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

INTERMEDIATE 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.

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, Yliès Falcone. IFM 2018 - 14th International Conference on Integrated Formal Methods, Sep 2018, Maynooth, Ireland. pp.1-19. [Read Online](#)