

# 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, OpenGL, Linux, MPI, OpenMP,  $\LaTeX$ , Vim, Git, Linear Algebra, Number Theory, Computer Graphics.

INTERMEDIATE C#, Unity, Computer Vision, Cuda, Bash Scripting, MySQL, CMake, Makefile Utility

## EDUCATION

2017 – PRES. **Computer Science**  
UNDERGRAD STUDENT  
*Concordia University(In Progress).*

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

## ACHIEVEMENTS AND AWARDS

- 2018 **NSERC Research Award**  
*Awarded by the Natural Sciences and Engineering Research Council of Canada.*
- 2016 **Supernacci Competition**  
*2<sup>nd</sup> place. An algorithmic-math competition held annually in the American University of Beirut.*
- 2015 **ACM LCPC**  
*1<sup>st</sup> 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.** Read