

# Adnan Utayim

## PROFILE

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- Passion in Computer Science and Technology.
- Foundational understanding of related mathematical concepts, Algorithms, and Data Structures.
- Keen attention to details and exemplary organization skills.
- Work experience in multiple Computer Science fields including Distributed Systems, Computer Vision, and Android Development.
- Published Research paper in Distributed Systems.
- Multiple academic distinctions and awards.

## EXPERIENCE

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2017 – 2018

Concordia University

*Research Associate*

- Immersive and Creative Technologies Laboratory.
- 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 HDBIP.
- 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<sup>+</sup> hours of tutoring university students.
- Courses related to Algorithms, Data Structures, 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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## TECHNICAL SKILLS

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**Advanced:** Java, C++, Algorithms, Data Structures, Android, OpenGL, GLSL, Linux, L<sup>A</sup>T<sub>E</sub>X, Vim, Git, Linear Algebra, Number Theory, Computer Graphics.

**Intermediate:** C, C#, Unity, Computer Vision, Cuda, Bash Scripting, MySQL, CMake, Makefile Utility, MPI, OpenMP.

**Begginer:** LISP, Prolog, Ruby, AspectJ, Python, Omnet++, Docker

## PUBLICATIONS

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Salwa Kobeissi, Adnan Utayim, Mohamad Jaber, Yliès Falcone. Facilitating the Implementation of Distributed Systems with Heterogeneous Interactions. IFM, Sep 2018, Maynooth, Ireland. [Read online](#)

## EDUCATION

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2017 - PRES **Concordia University**  
B.Sc. Computer Science. GPA: 3.5  
Transfer Student.  
Graduating May 2020.

2014 - 2016 **American University of Beirut**  
B.Sc. Computer Science. GPA: 3.7  
Enrolled for three semester.

## DISTINCTIONS & AWARDS

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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.

2015 **Student of the Year**  
Awarded by the American University of Beirut for outstanding academic performance in the department of Computer Science. (Highest GPA in CS department)