

Leonardo Aoun



About

A Lebanese graduate student at EPFL, Lausanne majoring in CSE. Lived 18 years in Beirut, a multi-cultural city, which taught him to be a sociable and open-minded person. Inspired by science and always eager to discover and invent.

Contact

+41 (78) 735-2228
leonardo.aoun@epfl.ch
linkedin.com/in/leonardoaoun
github.com/aounleonardo
travellingcodesman.com

Education

- EPFL, Switzerland — Bachelor + Master in CS (Current Swiss GPA 5.36/6)
Fall 2014 – Winter 2020 (Graduation)
- UW, Seattle WA — Visiting Student in CSE (GPA 3.82/4)
Fall 2016 – Spring 2017

Prizes Obtained

- 2012-2013: Ranked sixth in Lebanon at the "Olympiades Mathématiques"
- 2012-2013: Received a Laureate (Best 15 copies in Lebanon) at the "Géosciences" competition
- 2013-2014: Ranked second in Lebanon at the "Castor Informatique" competition

Experience

SDE Intern

Facebook

London, Summer 2018

Research Assistant

Dedis EPFL

Lausanne, Spring 2018

Working part-time with the Decentralized and Distributed Systems Lab at EPFL on a Collective Authority mainly written in Golang: github.com/dedis

Research Engineer Intern

Adobe

San Jose, Summer 2017

Exploring possible improvements to the Compute Cluster of Adobe Research

Projects

StartHack 2018 Winner: Neo-Caritas

- Won both the NEO and the Start challenge helping in a team of four by building a decentralized application on the NEO blockchain that offers charities a way to get stable income: github.com/aounleonardo/neo-caritas

PocketCampus EPFL: Indoor Navigator

- Add a plugin to an iOS app that localizes users inside campus buildings and navigate them to their desired destination using Augmented Reality.

VR Course at EPFL: Catapult VR

- HTC Vive game where the user manipulates a catapult in VR to shoot down a castle in a way similar to Angry Birds: github.com/VJan-fin/CatapultVR

Semester Project at CVLab EPFL: Intrinsic Image Decomposition

- Trained a variety of CNN models which needed to decompose an image into its shading and albedo intrinsic components.

Skills & Courses

Programming

Functional
Parallel & Concurrent
Distributed

Algorithms

Foundations of Software
Theory of Computation
Machine Learning

CV/CG

Unity VR
HoloLens Toolkit + ARKit
Qt: OpenCV + OpenGL

<3 Languages

Scala & Swift 4
Golang & C++
Python & NodeJS

Architecture

Operating Systems
Networks & Security
Cloud Platforms

Media

Game Development
Adobe CC & Blender
Digital Photography

Arabic & Lebanese
French
English
B1 in German
Beginner in Spanish

Databases

Intro to DB Management
Distributed Databases
SQL & Apache Spark

Public-Speaking
Head Delegate at ChoMUN
Delegate at LiMUN & HWMUN
Scouts of Lebanon since 2002
ISKF Karate since 2007