Estephan Rustom

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Education

KU Leuven, Leuven, Belgium   Starting Sept 2019
      Master of Engineering: Computer Science
      Expected graduation: May 2021

American University of Beirut (AUB), Beirut, Lebanon   Sept 2015 – May 2018
      Bachelor of Science in Computer Science
      Cumulative GPA: 3.1

University of California Berkeley (UCB), Berkeley, California, USA   June 2017 – Aug 2017
      Summer semester as part of the "Study Abroad" program

*Leave of abscence to recover from a personal health related matter – now resolved.   *July 2018 – December 2018*

Professional Experience

Research Assistant, Beirut, Lebanon   Sept 2017 – May 2018
      Dr Haidar Safa, Ph.D. in Electrical and Computer Engineering,
      Ecole Polytechnique de Montreal, Quebec, Canada

Freelance Developer, Batroun, Lebanon   July 2017 – Oct 2017
      Created the UI and backend of a Java program used by Wellness Studio, Lebanon

Student Representative for the Faculty of Arts and Science,   Sept 2017 – May 2018
Beirut, Lebanon

Certificates and Awards

iOS 12 and SWIFT - The complete iOS development bootcamp,   Nov 2018 – Present
Udemy, Angela Yu

Introduction to Data Science in Python,   Sept 2018 – Oct 2018
Coursera, University of Michigan

Design Award,   June 2017 – Aug 2017
University of California Berkeley, USA

Machine Learning Course Certificate,   June 2017 – Aug 2017
Coursera, Stanford Online

Certificate of Achievement,   Jan 2017 – May 2017
Collegiate Assessment of Academic Proficiency (CAAP)
      Achievement level above the national mean on Mathematics and Critical Thinking.

Software Skills

SWIFT, Android Development, XML

Python, OpenCV

C, C++, Java, ANTLR

HTML, CSS, JavaScript

MIPS Assembly, MySQL

Microsoft Office
(Word, PowerPoint, Excel)

Mac and PC Literate

Projects

MicroJava Compiler, Beirut, Lebanon   Jan 2017 – May 2018
      Complete compiler for the programming language MicroJava.
      The lexical, syntax, and semantic analyzers are implemented
      using ANTLR version 4 as a tool.

TBear App, Beirut, Lebanon   Jan 2017 – May 2018
      In collaboration with the Faculty of Medicine at AUB
      Mobile app that determines if a tuberculosis is positive or
      negative based on the size of the bump, using image analysis.

Quickshift Mirror, Berkeley, California, USA   June 2017 – Aug 2017
      Web app allowing users to change their shirt color by
      capitalizing on color space manipulation, cloud cognitive
      services and gesture recognition through websockets.

E.D.U, Berkeley, California, USA   June 2017 – Aug 2017
      Interactive e-book for middle schoolers on tablet/phone
      using JavaScript.

Android Budget Managing App: Billdozer, Beirut, Lebanon   Jan 2017 – May 2017
      Available on Google Store
      Responsible of the user interface design.

Prisoner Information System, Beirut, Lebanon   Jan 2017 – May 2017
      Co-designed a prisoner's database and prototyped using Java,
      PHP, and MySQL.

Languages

Fluency:
Arabic, French, and English

Working knowledge:
Danish and Spanish

Hobbies & Activities

Rotaract Secretary (2017 – 2018)
& Pinned Member (2015 – 2018)
Rotaract Club of AUB, Lebanon

Scout Leader (2016 – 2018)
& Member (2003 – 2018)
Scouts du Liban, Batroun, Lebanon

Basketball Player (2013 – 2018)
Batroun CJS, Lebanon

Sports Analytics, Swimming,
Travelling, Camping, Geopolitics,
History, Videogames.