Rene Adaimi

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Education

Northeastern University, Boston, MA   Dec. 2018
Master of Science in Computer Science.

American University of Beirut, Lebanon   May 2015
Bachelor of Engineering in Electrical and Computer Engineering

Work Experience

Google, Cambridge Massachusetts, Software Engineer   Feb. 2019 - Present
- Created a Command Line Interface to join all the scripts we had in Google Assistant. This reduced the number of developer hours on our tools by 12 hours a day.
- Created the platform for bridging our current tests to the new framework. We're moving our tests to a new framework which will allow developers better control of their tests.

Northeastern University, Boston Massachusetts, Teaching Assistant   Sep. 2016 - Dec. 2018
- Assisting the professor in the Programming in C++ course for the Fall 2016 and Spring 2017 terms.
- Assisting the professor in the Algorithm course for the Spring 2018 and Fall 2018 terms.
- Correcting homework and holding Office Hours to help students in the course.

Facebook, Menlo Park California, Software Engineering Intern   Jun. 2018 - Aug. 2018
- Improved a backend service by automatically checking changes in the configuration files.
- Centralized the configuration files of the service to easily maintain it.

Axis Semiconductor Inc., Maynard Massachusetts, Verification Engineering Intern   May 2017 - Dec. 2017
- Built a graphical user interface to visualize the chip the company is designing.
- Added a new way to debug errors on the chip.

Orbis Holding, Beirut, Software Engineer   Feb. 2016 - Jun. 2016
- Created an iOS library that authenticates, reads and parses data from a Smart Card.
- Created a multi-threaded C++ server that can parse ASN.1 objects needed for a future project.

Saugo 360, Beirut, Computer Engineer   Jun. 2015 - Jan. 2016
- Remastered a Linux Operating System for Software Defined Networking routers.
- Automated the install of the Operating System on a new router to one operation.

Technical Knowledge

Programming languages: C/C++, JavaScript, Python, PHP
Other tools: Git, Mercurial, Bash, Makefile, MySQL

Independent Projects

Resis - Semester Schedule Planner   Dec. 2011 - Present
- Designed, developed and maintained a website that helped more than 10,000 American University of Beirut students plan and optimize their semester schedule, reducing time spent looking for the best classes.

Academic Projects and Activities

Final Year Project - American University of Beirut   Sep. 2014 - May 2015
- Improved with the collaboration of two other students the current scholastic management system to include a grade uploader for professors, and a prerequisite graph for courses.
- Won the Dean's Award for Creative Achievement and the Murex for Excellence Award which is handed to the best project in a given major.

Competitive Programmer   Sep. 2012 - Present
- Won first place out of 21 teams in the Lebanese Collegiate Programming Contest 2014, part of ACM-ICPC, in a group of three students.
- Initiated, organized and prepared the problem set of two yearly math-programming competitions which 20 teams participated. Motivated the younger generation to continue this yearly tradition at the American University of Beirut.