

Rene Adaimi

(413) 362-0160 - rene@adaimi.com - adaimi.com

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

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 interface to visualize the chip the company is designing which reduces the time to debug mistakes.

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 multithreaded C++ server that can parse ASN.1 objects needed for a future project.

Saugo 360, Beirut, Computer Engineer Jun. 2015 - Jan. 2016

- Worked with three American University of Beirut professors as a researcher on a Software Defined Networking solution project funded by Telus Corporation.
- Remastered Linux Operating Systems tailored to the research's needs which reduced the time to install the Operating System on a new machine.

Technical Knowledge

Programming languages: C/C++, JavaScript, PHP, Java, Python, Swift, Racket

Build tools: git, mercurial, svn, Bash, SCons and Makefile

Operating Systems: Linux, User-Mode Linux

Database: 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

Nine Men's Morris Smart Agent - Northeastern University Apr. 2017

- Developed an artificial agent to play the Nine Men's Morris board game selecting its move using the minimax algorithm.

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.