

JOSEPH MOUSSA

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OBJECTIVE | Dedicated graduate looking to obtain a position in the software/web development field. Bringing a strong background in programming fundamentals and an ability to adapt quickly and enthusiastically to any changes. Bringing valuable experience in both front and back end development. Ready to contribute ideas, as well as solutions to any problems and a passion for learning and improving in the industry.

SKILLS & ABILITIES

Proficient

- Python
- C
- (Intel x86) Assembly
- Java
- HTML/CSS/Bootstrap
- PHP/MySQL
- Node.js/Express.js
- JavaScript (jQuery)
- Git Version Control
- Microcontrollers
- LinuxOS
- Formal Software Documentation

Working Knowledge of C++, R, Agile Development.

WORK EXPERIENCE

STUDENT TECHNICAL INTERN | AT&T LABS

JUNE 2017 – CURRENT.

Responsible for developing proof of concepts working with AT&T's Universal Customer Premise Equipment (uCPE) and Internet of Things prototypes. Mainly work in Python but have had to draw upon some C knowledge. Most of my work involved networking and integrating systems over both high and low-level abstractions. Most recently worked with an Arduino microcontroller to implement a Bluetooth Low Energy, Internet of Things Solution. Recently implemented a Video CMS for the AT&T museum.

PERCUSSION INSTRUCTOR | SOUTH BRUNSWICK HIGH SCHOOL

NOV 2014 – DEC 2016

Was responsible for 10-15 students of the marching band and taught music as well as marching and playing technique.

EDUCATION | RUTGERS UNIVERSITY, NEW BRUNSWICK

MAJOR: IT - MINOR: COMPUTER SCIENCE

MAY 2018

Classes in: Data Structures, Web Design, Internet Technologies/Networking, Systems Programming, Computer Architecture, Operating Systems

TEAMWORK & COOPERATION

Responsible at AT&T Labs for working with a team with 3-4 developers in order to provide an integrated solution on a uCPE. Worked long hours with deadlines approaching and had to troubleshoot on multiple occasions before demonstrations for higher executives.

Recently came off a season with United Percussion, a world class competitive indoor percussion ensemble. Was a single member of the 40-person performance company and competed in WGI (World Guard International) Finals. Built a strong foundation for teamwork and comradery all within a professional environment.

PRESENTATION

At AT&T, I would give presentations and demonstrations of the solutions I have built and provide any extra support as well as heavy documentation on the process as well as the implementation of a solution.

Various research and project presentations describing research or code structure. An example of research would be in Data 101, a data literacy course using R to analyze large quantities of survey data and come to conclusions about said data. Project presentations were done in web design (present a web application) as well as an informatics class about innovation in technology.

MY GITHUB | www.github.com/jmoussa/