

ALEXANDRE

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PROFILE

3RD YEAR B.A.SC. IN ELECTRICAL ENGINEERING WITH A STRONG INTEREST IN BIOMEDICAL ENGINEERING, BIG DATA AND CIRCUIT NETWORKS. I HAVE SUCCESSFULLY COMPLETED COURSES IN CIRCUIT NETWORKS, ELECTROMAGNETICS, PROGRAMMING, MATLAB OPTIMIZATION AND COMPUTER ARCHITECTURE. I STRIVE TO COME UP WITH INNOVATIVE IDEAS AND I SEEK KNOWLEDGE TO SOLVE PROBLEMS EFFICIENTLY AND CREATIVELY.

EDUCATION

BACHELOR'S OF APPLIED SCIENCES IN ELECTRICAL
ENGINEERING | QUEEN'S UNIVERSITY

2014 - 2018

(ANTICIPATED DATE OF GRADUATION)

MAJOR: ELECTRICAL ENGINEERING

BACCALAURÉAT SÉRIE SCIENTIFIQUE
LYCÉE CLAUDEL

MAY 2014

SPECIALTY: MATHEMATICS

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:

3 YEARS OF EXPERIENCE WITH C (WITH ARDUINO DEVELOPMENT)

2 YEARS OF EXPERIENCE WITH VHDL, ASSEMBLY, JAVA AND JAVASCRIPT

EXPERIENCE WITH C++, CSS, HTML, VHDL, PYTHON, GIT, LINUX SHELL

CAN QUICKLY PICK-UP NEW COMPUTER PROGRAMMING LANGUAGE

EXPERIENCED IN VISUAL DESIGN WITH 3DS MAX, MAYA AND SOLID EDGE

EXPERIENCED IN PCB AND CIRCUIT MODELING SOFTWARE SUCH AS AGILENT ADS AND PSIM/SPICE

EXPERIENCED IN COMPUTATIONAL AND MODELING SOFTWARES SUCH AS MATLAB AND R

EXPERIENCE WITH LATEX

ENGINEERING FACULTY PROGRAMMING COURSES: INTRODUCTION TO COMPUTING PROGRAMMING FOR ENGINEERS,
FUNDAMENTALS OF INFORMATION STRUCTURES, FUNDAMENTALS OF INFORMATION STRUCTURES

TECHNICAL EXPERIENCE

HEAD OF DESIGN AND DEVELOPMENT | TAGS - ANDROID APP | TEAM PROJECT

2015

MY TEAM DEVELOPED AN APP TO FACILITATE THE SOCIAL INTERGRATION OF PEOPLE WITH VISUAL IMPAIRMENT.

I OVERSAW THE DEVELOPMENT OF A VOICE CONTROLLED USER-INTERFACE. I BRIDGED THE INTERFACE TO AN SQL DATABASE AND ENSURED THE ALGORITHM RAN SMOOTHLY THROUGH THE APP. I MADE SURE THE USER COULD PROPERLY INTERACT WITH THE APP AND PROPERLY STORE, CATEGORIZE, SEARCH AND READ CONTACTS USING TAGS.

HEAD OF PLANNING AND DESIGN | URBAN FARM PLANNING | TEAM PROJECT

2015

THIS PROJECT WAS FOCUSED AROUND THE DEVELOPMENT OF A FARM IN AN URBAN AREA. I OVERSAW FIELD RESEARCH IN MONTREAL AND HAD TO FIND THE RIGHT PROPERTY AND TARGET CUSTOMER FOR THIS PROJECT. THIS TRANSLATED INTO TANGIBLE NUMBERS DURING

THE CONCEPTUALIZATION OF THE PROJECT. I DEVELOPED THE FLOOR PLAN AND STRUCTURAL PLAN FOR THE FARM. I ALSO ENSURED THE TIMELINE OF THE PROJECT WAS RESPECTED.

WORK EXPERIENCE

TEACHER ASSISTANT | DIGITAL SYSTEMS

2016 - PRESENT

IN CHARGE OF HELPING STUDENTS UNDERSTAND AND NAVIGATE THROUGH VHDL SOFTWARE WHILE APPLYING CLASS KNOWLEDGE. HAVE EXTENSIVE COURSE KNOWLEDGE TO PROPERLY TEACH AND CONVEY IDEAS AND CONCEPTS TO STUDENTS.

ASSISTANT MANAGER | CRAVE COFFEE HOUSE AND BAKERY

2016 - PRESENT

AS AN ASSISTANT MANAGER, I ALWAYS ENSURE STELLAR CUSTOMER SERVICE IS OFFERED AS WELL AS CONSISTENT AND GREAT COFFEES. I HAVE MASTERED INTERPERSONAL COMMUNICATION SKILLS, CUSTOMER RELATIONS AND TEAM MANAGEMENT. I OVERSAW THE DEVELOPMENT OF NEW EMPLOYEES.

FOUNDER | NEOTERIK EVENTS

2015

STARTED AN EVENT PROMOTION COMPANY AND ORGANIZED TRIPS TO MONTREAL EVENTS FROM KINGSTON. I OVERSAW THE ORGANIZATION AND BOOKING OF BUS AND EQUIPMENT. I RAN THE SOCIAL MEDIA PROMOTION CAMPAIGN. THIS LED ME TO DEVELOP STRONG BUSINESS-ORIENTED INTERACTION SKILLS.

SALESPERSON | W - W L K N

2014 - 2014

IN CHARGE OF THE VISUAL DISPLAYS AND VISUAL LAYOUT OF CLOTHING THROUGHOUT THE STORE. I DEVELOPPED STRONG INTERPERSONAL SKILLS.

OTHER ACTIVITIES

QUEEN'S UNIVERSITY VARSITY CHEERLEADING TEAM (2014 – PRESENT)

I ATTRIBUTE A LOT OF IMPORTANCE TO TRAVELING AND I HAVE GAINED A LOT OF EXPERIENCE FROM IT.

PERSONAL PROJECTS SUCH AS WEBSITE DEVELOPMENT, FASION DESIGN AND MORE GENERALLY, ANYTHING I GET CURIOUS ABOUT.

WEBSITE: ALEXANDREGRANZERGUAY.COM

REFERENCES PROVIDED UPON REQUEST