



GEORGES HACHEM

Computer & Communications Engineer



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France

EDUCATION

Internet of Things: Innovation and Management
Master of Science & Technology (MSc&T)
(September 2020 - Present)
École polytechnique

Computer & Communications Engineering
Bachelor of Engineering (B.Eng.)
(September 2015 - July 2020)
Saint-Joseph University of Beirut

CERTIFICATIONS

- CCNA Routing and Switching (Merit) (2019)
- Certificate of Participation
 - Scaling Bootcamp (2019)
 - Alfa & Ericsson IoT Award 2nd Edition (2018)
 - Fiber Optic Sensor Workshop (2018)
- Certificate of Completion
 - Agrytech Accelerator Program Batch 2 (2018)

AWARDS

- IoT-Leb 2019 Hackathon (2019)
- Uncharted Business Boot Camp (2018)
- Agrytech Hackathon Finalist (2018)
- Measure The Internet - RiPE NCC (2018)

WORKSHOPS

Negotiation • Pitching • Digital Marketing • Marketing
User Experience • Sales • Testing Techniques

LANGUAGES

English • French • Arabic

SKILLS

- Languages
Python • Java • C++ • SQL • HTML • JavaScript • Bash
- Technical
Internet of Things • IoT • LoRa • TCP/IP • Routing
Unix • Networking • Microprocessors • GitLab • DNS
Arduino • Hosting • Selenium • Git • Microcontrollers
Server Management • Docker • Virtual Machine • BGP

EXPERIENCE

Cisco Meraki (France)

Technical Intern (April 2021 - August 2021)

Collected, analyzed, and compared latency measurements of routes going through the public Internet and Cisco Umbrella backbone.

- Developed a framework to launch and collect pings and traceroutes
- Hands-on experience with Ruby, Amazon S3, Snowflake, Git, and Jira
- Collaborated with the Cisco Umbrella team on data sharing
- Leveraged the Jenkins CI/CD pipeline by implementing unit tests

BMW Group (Germany)

Software Engineer Intern (March 2020 - July 2020)

Selected by the BMW Group to complete my university's final year project working on their latest Smart Transport Robot v4.0

- Hands-on experience with the newest Nvidia Isaac SDK for robotics
- Implemented and improve new features within a strict timeline
- Designed a robust robotics architecture that exceeds expectations

Menalytix (Lebanon)

Software Engineer (October 2018 - October 2019)

Assessed clients' needs and constraints, designed custom solutions, and executed them accordingly.

- Hands-on experience with Python building tools using Pandas
- Developed data scraping scripts using Selenium and BeautifulSoup
- Designed a WhatsApp chatbot using Twilio and Heroku

DataConsult (Lebanon)

Software Engineer Intern (June 2019 - August 2019)

Completed a 2-months project to build a seamless and automated Google Chrome extension for video call and screen recording with full customizability for call centers.

- Experience gained working on frameworks like Node-RED & ExpressJS
- Developed a web dashboard to monitor and review video call recordings
- Dockerized the whole application for seamless deployment

Censigo (formerly FoodCheck) (Lebanon)

Co-Founder & CTO (May 2018 - June 2019)

Censigo is an innovative company that provides food companies with a solution to help them track, monitor, and manage their stock in real-time.

- Spearheaded software development
- Handled web hosting, servers management, and emails
- Interviewed different companies and potential clients such as Bel Group
- Implemented Scrum agile methodology and daily meetings for members

Agrytech Accelerator Program (Lebanon)

Entrepreneur (June 2018 - July 2019)

The Agrytech Program aims to source the top startups with disruptive innovations in the Agri-Food sector and provide them with the adequate technical and business resources as well as community support to scale their ideas into successful businesses with global impact.

- Completed all 3 phases of the program despite being the youngest team
- Significantly improved my business knowledge by attending workshops
- Pivoted from a product-centric to a customer-centric view