ELIE DAOU

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EDUCATION

Bachelor of Science in Computer Engineering   Anticipated graduation May 2017
University of Massachusetts Lowell - *Lowell, MA*

- GPA of 3.7
- Relevant coursework*:* Network, Circuit, Logic, and Database Design, Data Structures, Computer Vision

Czech Technical University – *Prague, Czech Republic*   Spring 2016 (semester abroad)

- Relevant coursework: Microprocessor Design, Circuits of Digital Instruments, Operating Systems

SKILLS

- **Programming:**   C, C++, HTML/CSS, PHP, GIT, JavaScript, SQL, Bash, Python, Verilog
- **Hardware:**   Oscilloscope, Waveform generator, Digital Multimeter, DC Power Supply

RELEVANT WORK EXPERIENCE

Embedded Engineering Intern   February 2017 – Present
Instrumentation Laboratory – *Bedford, MA*

- Expand current instrumentation features using embedded C and C++

Network Engineering Intern   July 2016 – September 2016
Extreme Networks – *Salem, NH*

- Assisted in the design, build, and testing of database management system off of HP Enterprise's *Vertica*
- Managed 10 servers running Red Hat Enterprise Linux on Amazon Web Services
- Worked closely with out-of-office sales engineers

Undergraduate Researcher   June 2015 – Present
University of Massachusetts Lowell - *Lowell, MA*

- Built a custom web UI to interface with custom querying language
- Used APIs to communicate with custom querying language
- Built and managed SQL servers

Consultant   June 2014 – October 2014
besimpler- *North Andover, MA*

- Founding team member. Helped build a custom data platform to assist schools in simplifying data processes, integration, and management
- Represented besimpler at trade shows and conferences

PROJECTS

Smart Intercom   September 2016 – Present
University of Massachusetts Lowell - *Lowell, MA*

- Designed, planned, built, and tested a system that interfaces with an apartment intercom
- Developed a potential startup business plan based on the business model canvas