

Clement Causse

IT Engineer

Des Moines, IA - Email me on Indeed: [indeed.com/r/Clement-Causse/c83381d1a08b0ab8](https://www.indeed.com/r/Clement-Causse/c83381d1a08b0ab8)

My name is Clément Causse, I am looking for a job in Des Moines in Engineering.

I obtained a Masters degree in Information Technology and Management at the Illinois Institute of Technology (IIT), I also have a Master of Science in Electrical/Electronics and Computer Science Engineering from Ecole Nationale de l'Electronique et de ses Applications (ENSEA) in France.

It was during my studies and internship experience that I found a passion in IT and Electrical/Electronics engineering.

If you have further questions please do not hesitate to contact me by email at ccausse@hawk.iit.edu or by phone at [...]

Sponsorship required to work in the US

WORK EXPERIENCE

Data Analyst / Software Engineer

AllCell Technologies LLC - Chicago, IL - June 2016 to February 2017

The Battery Management System (BMS) is an electronic board that manufacturers connect to the battery to monitor it.

- Collected and analyzed data to improve battery testing results and reduced costs (Excel, database management: SQL, Business Analysis)
- Wrote process sheets and documentations for testing and usage of machines (ISO and data documentation)
- Designed and developed internal databases and responsible for the summarization of data (SQL, Oracle)
- Worked directly with third party and helped developing data usage (work with the Business Consultant)
- Designed and realized electronic board tests for clients and wrote report (client interaction) and tested batteries before shipping
- Updated BMS software and hardware (algorithmic development, C language, microcontroller development, electronics board improvement)

Teacher Assistant

Illinois Institute of Technology - Chicago, IL - January 2016 to May 2016

Correct homework, exams and track student progress for the 440-540 class: Introduction to Data Networks and the Internet

Software Engineering Intern

AllCell Technologies LLC - Chicago, IL - June 2015 to August 2015

- Analyzed, collected and interpretation of batteries test results (MS Access and Excel)
- SQL database management (MySQL, Oracle)
- Worked with Visual Studio and CodeWarrior (software development and I²C hardware)
- Created programs for an intern use (.NET development C#)
- Wrote test plans, test cases / scripts, executed all functional testing and documented / tracked defects.

Hardware Design Intern

Algodone - Montpellier, VI - June 2014 to July 2014

Algodone is a start-up in partnership with the Laboratory of Computer Science, Robotics and Microelectronics of Montpellier. The start-up wants to propose a solution to limit industrial scale counterfeiting of digital integrated circuits.

- Designed a portability and make a migration of an existing design on another platform design (Xilinx to Altera)
- Worked on CAD (Altera & Xilinx) and automation scripts.
- Studied an identification of an integrated circuit through the PUF (physically unclonable functions)
- Created architectures by PUF hard macro (Altera / Xilinx / Quartus II)
- Worked with protection of hardware building blocks (IP encryption and licensing), control traceability and activation circuits

EDUCATION

Master of Science in Electronics/Electrical and Computer Science

Ecole Nationale Supérieure de l'Electronique et de ses Applications - Paris, France

September 2011 to November 2016

Master of Science in Information Technology and Management

Illinois Institute of Technology - Chicago, IL

August 2015 to May 2016

Bachelor of Science in Electronics/Electrical and Computer Science

Ecole Nationale Supérieure de l'Electronique et de ses Applications - Paris, France

September 2011 to September 2014

SKILLS

Excel (5 years), SQL (4 years), Computer Hardware (4 years), Unix Administration (2 years), Word (7 years), Powerpoint (7 years), Windows (7 years), Oracle (3 years), MySQL (3 years), C++ (3 years), C# (3 years), C (3 years), Visual Basic (2 years), Visual Studio (2 years), Indesign (3 years), .NET (3 years), Database Management (4 years), Linux (3 years), Virtualization (1 year), Ubuntu (3 years), Java (2 years), PHP (2 years), VOIP (2 years), TCP/IP (2 years), Wireless (2 years), Network Administration (2 years), HTML (2 years), RS323 (2 years)

LINKS

<https://www.linkedin.com/in/clementcausse>

CERTIFICATIONS/LICENSES

Driver's License

May 2010 to Present

GROUPS

Treasurer of the ENSEA Sailing Race association

June 2014 to June 2015

Organized the event, Solicited sponsors, Managed a 24,000.00€ budget, Ensured transport and housing to support our participation at the biggest European student regatta (24 students participated to the race).

Member of the Illinois Tech Tennis travel team

August 2015 to May 2016

Tournaments in the Midwest, 15 students from IIT in the team

ADDITIONAL INFORMATION

Sports: Tennis - 7 years (competition), swimming - 3 years, Soccer - 4 years, Rowing and Sailing (cruising race participation).

Voyages: Canada, Greece, Spain, Italy, Belgium, Croatia, Slovenia, Hungary, Slovakia, Austria, Czech Republic, Netherlands, Mexico.

Associations: Treasurer of the ENSEA Sailing Race association, in charge of organizing different association activities and finding sponsors to support our participation at the biggest European student regatta: "La course Croisière EDHEC". Member of the Junior ENSEA Association. Member of the Illinois Tech Tennis travel team (tournaments in the Midwest).