

Senior Software Engineer with 6 years of experience. Hold double masters in Computer Science and Quantitative Finance. Looking to join a company with a vision or product I believe in, to work on challenging projects with sharp colleagues and in a compassionate environment.

## Experience Summary

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### Goldman Sachs

Software Engineer

January 2018 - Present

London, UK

- Built multiple large-scale projects to automate regulatory reporting of Goldman Sachs entities globally.
- Automated capital ratio assessment for ~300 million deals.
- Ran the spring internship program and mentored junior engineers.
- Technologies: Scala, Java, Slang, Sybase IQ, DB2, Git, CVS, SVN, GitLab.

### Finastra (formerly Sophis)

Software Engineer

June 2015 - December 2017

Paris, France

- Was responsible for core pricing service of the banking software Sophis.
- Worked closely with quant analysts to standardise models and financial instruments.
- Technologies: C++, C#/.NET, Oracle, Git, Jenkins, Scrum Methodology.

### Amadeus

Software Engineer

July 2014 - January 2015

Nice, France

- Worked on Amadeus' Hotel Management application for inventory distribution.
- Technologies: C++, Oracle, SQL Developer, CVS, Hg/Pt.

### Natixis

Quantitative Analyst Intern

May 2013 - November 2013

Paris, France

- Conceptualized and implemented a hybrid Credit-Rate valuation model for swaps and bonds in C++.

## Education

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### Ensimag - Grenoble, France

Master in Computer Science & Applied Mathematics

2013

### IAE - Grenoble, France

Master in Quantitative Finance

2013

## Skills

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Strong experience in C++, Java, Scala, C#, Git, SVN, relational DBMS.  
Can build, manage and operate projects from conception through to launch.  
Can deal with large-scale datasets and computation problems.  
Have worked as an IC as well as managed ICs, open to both.  
Comfortable with managing multiple projects that require fast context-switching.

## Extra Curriculum

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Girls Who Code instructor.

I write tech and non-tech articles on my website [www.salwa.dev](http://www.salwa.dev).

I've built a few side-projects, ask me about them.