

# Yang Li

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## Profile

A seasoned software engineer with over 20 years of commercial experience in the financial industry, proficient in JAVA/C++/C, and knowledge of Python/AI through my recent personal project. My passion for computer technologies since teenage has driven me to continuously develop my skills and stay up to date with industry trends. I possess strong analytical and problem-solving abilities, combined with a practical and results-oriented approach.

I foster a culture of innovation and growth within my team by adopting a servant-leadership approach and prioritizing continuous learning. I promote transparency and information sharing and have implemented a Friday learning afternoon to boost technical expertise and overall well-being of my team(s).

I am confident that my previous roles have developed my technical and leadership capabilities to a high level, enabling me to deliver high-quality, high-performing software with a keen attention to detail.

## Skills

- C/C++ (5+ years)
- Java (15+ years)
- SQL/Oracle/AWS RDS
- HTML/XML/website hosting
- Proficient in Unix, and well-versed in popular scripting languages, such as Bash, Python, groovy and windows PowerShell
- Expert in microservice architecture and API fine tuning
- Familiarity with cloud computing platforms, including AWS, Azure, and PaaS solutions.
- MBA and Agile Methodology

## Educational Qualifications

OCT 2018 - JUL 2022      Master of Business Administration with Distinction      University of Strathclyde /GLASGOW,UK: Business School

- To bridge the gap between technical expertise and business strategy, I pursued an MBA. Not only did it broaden my horizons, but it also sharpened my communication and strategic thinking skills.
- Research project on the impacts of hybrid working after the pandemic, providing insights and strategies that I now use to optimize productivity in the new work landscape.

OCT 2002 – JULY 2003      MSc, EEE      University of Glasgow /GLASGOW,UK: Electrical&Electronic Engineering

- Developed a fleet of robots to detect human casualties in disaster zones with challenging terrain
- Programmed the robots using legOS (a C/C++ based language)

OCT 1998 – JULY 2002      BSc, INDUSTRIAL AUTOMATION      DONGHUA University /SHANGHAI,P.R.CHINA: INDUSTRIAL AUTOMATION Engineering

- Completed undergraduate studies with a strong foundation in mathematics, control theories, and computer hardware/software.
- The undergraduate research project was a fuzzy logic control system for an inverted-pendulum system using Matlab. The fuzzy logic control system achieved superior

results compared to a neural network control approach developed by a compete team of that year.

## Work Experience

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APR 2022 – PRESENT    SENIOR DEVELOPER & TECHNICAL TEAM LEAD    BARCLAYS WEALTH MANAGEMENT/GLASGOW,UK: AVP/VP

- Responsible for the technical management of confidential. Recruited and quickly acclimated the newly assembled team with no prior system knowledge, boosting productivity within a single quarter.
- Successfully planned and executed the aPaaS upgrade of the project.
- Designed and negotiated a decoupled release approach, accelerating the backend release cadence from once a quarter to once a month.
- Implemented a micro-service downstream API analyze framework using JAVA AOP, ELK, and Tableau monitoring, reducing test environments outages and improving L3 support response times for API call failures.
- Keep abreast of cutting-edge tech developments, particularly in blockchain and AI. Championed the potential of tools like ChatGPT for boosting developer productivity and code quality since the emergence of Generative AI. Proposed an innovative fully automated SRLC (software release lifecycle) system idea to confidential, leveraging AI for categorization and blockchain for transparent tracing of steps.

NOV 2016 – APR 2022    SENIOR JAVA DEVELOPER & TECHNICAL TEAM LEAD    BARCLAYS WEALTH MANAGEMENT/GLASGOW,UK: AVP

- Since I took over the tech lead role for confidential, I led the development of critical features that increased LBOW customers by 3x, while maintaining performance and security standards.
- Successfully upgraded underlying infrastructure from Adobe AEM v6.0 to v6.3 without any customer impact issues in 2017.
- Promoted to Technical Team Lead for confidential in 2018, overseeing both projects' public websites and backend Java services.
- In 2019, the team successfully transitioned LBOW's testing environments to AWS cloud with automated CHEF deployment(Persephone), proving the viability of cloud adoption.

APR 2015 – NOV 2016    SENIOR JAVA DEVELOPER    BARCLAYS WEALTH MANAGEMENT/GLASGOW,UK: AVP

- I was brought on board to confidential team as a senior Java developer to facilitate knowledge transfer from London to Glasgow team.
- Simultaneously built and deployed to production a customer event logging module to meet increasing audit requirements.
- Demonstrated exceptional programming skills and communication skills, earning the role of technical lead for the sibling confidential team by end of 2016.

JAN 2007 – APR 2015    JUNIOR/SENIOR DEVELOPER & TECHNICAL TEAM LEAD  
J.P.MORGAN/GLASGOW,UK: PROFESSIONAL/ASSOCIATE/SENIOR ASSOCIATE

- Aced the role of C++ developer, demonstrating outstanding analysis skills and earning a promotion in 2008.
- Transitioned to the JAVA group to develop strategic trading platforms, gaining exposure to various tech stacks throughout the software lifecycle.
- Quickly acquired new skills and knowledge and became an expert in building fast and reliable trading platforms for equity and credit derivative instruments. Acquired derivative trading certificate on the job.
- Received another promotion in 2013 to Senior Associate and Team Lead for confidential, solidifying expertise in both technical and business aspects.

FEB 2004 – JAN 2007    SOFTWARE ENGINEER    ADVANTAGE ENERGY SOLUTIONS LTD (AESL)  
/EDINBURGH, UK

- Worked at a small energy consulting company, gaining broad experience across the software development lifecycle.
- Helped restructure the company to be more formal and global, including implementation of software version control and localization.
- Created and maintained a website for a personal business venture, utilizing C#, XML, CSS, XSLT, and Windows application servers.
- Learned valuable lessons about entrepreneurship and gained practical experience in a range of technologies.

## **Interests**

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- Always on the cutting edge of technology, staying informed on the latest developments and trends.
- Served as a volunteer sales representative at the British Heart Foundation flagship store in Edinburgh on Saturdays back in 2005-2006, quickly became a top seller of electronics on the floor.
- Casual piano player.
- Club golfer and proficient tennis player.
- Active bloggers of new ideas of innovation since 2016:  
<https://edisonideas.wordpress.com>

## **References**

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Excellent references available on request