

## JIMMY PETTERSSON: CURRICULUM VITAE (February, 2024)

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### PERSONAL INFORMATION

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**Name:** Jimmy Pettersson  
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### EVENTS AND ACHIEVEMENTS IN CHRONOLOGICAL ORDER

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1994, Aug.	Began studies at Mälardalen University, Eskilstuna, Sweden.
1997, May	Awarded <i>Percy Barnevik's scholarship</i> .
1997, May	Graduated from Mälardalen University with the degree Bachelor of Science in Mechanical Engineering
1997, July	<i>Mechanical Design Engineer</i> , ABB Robotics, Västerås.
1999, Jan.	Began studies at the School of Mechanical Engineering at Chalmers University of Technology, Göteborg.
2001, May	Graduated from the School of Mechanical Engineering with the degree Master of Science in Mechanical Engineering.
2001, May	Began doctoral studies at the School of Mechanical Engineering at Chalmers University of Technology, Göteborg.
2003, Oct.	Obtained the degree of Licentiate of Engineering. The title of the thesis is <i>Generating motor behaviors for bipedal robots using biologically inspired computation methods</i> .
2004, April	Awarded the <i>Sweden-Japan Foundation scholarship</i> .
2005, March	A longer stay (45 days) at Waseda University, Tokyo, working on a joint research project.
2005, Dec.	Awarded a 2006 Research Fellowship by the Canon Foundation in Europe.
2006, Feb.	Awarded a research stipend from the Heiwa Nakajima Foundation for doing research in Japan for a period of six months.

2006, Sept.:	Obtained the degree of Doctor of Philosophy. The title of the thesis is <i>Generation and organization of behaviors for autonomous robots</i> . Thesis advisor: Dr. Mattias Wahde. Faculty opponent: Prof. David Bradley.
2006, Oct.	Postdoctoral studies at Future University, Hakodate, Japan, and Waseda University, Tokyo, Japan, for a total of one year.
2007, Dec.	<i>Process Development Engineer</i> , SSAB, Oxelösund.
2014, Apr.	<i>Technical Development Manager/Senior Technical Advisor</i> , SSAB, Oxelösund.
2017, Aug.	<i>IT Architect/System Developer</i> , SSAB, Oxelösund.
2021, Apr.	<i>Head of Process Development</i> , SSAB, Oxelösund.

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#### PROGRAMMING

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- C# (+10 years)
- SQL (+10 years)
- C/C++ (+8 years)
- ~~Delphi~~ (+7 years)
- HTML, CSS (+5 years)
- ASP.NET (+5 years)
- JavaScript (+2 years)
- Python (+2 years)
- PHP (+2 years)

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#### RELATED EXPERIENCES

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- Coaching leadership and employee development
- Machine Learning
- Evolutionary Algorithms
- System development & governance
- Data science
- Business Intelligence

- Virtualisation (VMWare, Docker)
- Database administration (Oracle, MS SQL, MySQL/MariaDB)
- Web server (Apache, IIS, Nginx)
- Front-ends (HTML, CSS, Blazor, ASP.NET, JavaScript, PHP)
- Cloud services (Azure, Nextcloud)