

# Jarno Luoma-Nirva SW Specialist



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**Home page** <https://www.jln.fi>  
**Specialties** C++/Qt, Python/Django, TDD  
**Other skills** AWS, HTML5, JavaScript, Jenkins, MySQL, PostgreSQL  
**Profiles** GitHub: jarnoln LinkedIn: jarnoln

## Work experience

- **2017-09 / 2020-02 (2 years, 5 months) SW Specialist at Vaisto Solutions**
  - Python/Django and Vue.js development. Test automation.
- **2005-03 / 2017-09 (12 years, 6 months) SW Specialist at Symbio**
  - C++ programming for Windows and Linux platforms. UI implementation with Trolltech's Qt library. Android porting. Web services with Django. Worked for projects in Sweden, Taiwan and U.S.
- **2000-11 / 2004-02 (3 years, 3 months) Engineer Trainee at Instrumentointi Ltd**
  - Department: Insta Defence, Simulation Systems. Developing military training simulator systems. C++ programming and object-oriented design.
- **1999-02 / 2000-03 (1 year, 1 month) Research Assistant at Digital Media Institute**
  - Developing software-based MPEG-2 decoder for Pentium III processor. Optimization and processor-specific programming in C++.

## Education

- **1996-08 / 2004-12 (8 years, 4 months) M.Sc. of Engineering at Tampere University of Technology**
  - Degree Program in Information Technology. Main subject: Computer Science. GPA: 3.02. Degree thesis: Training Simulator for Optical Range Finder. Thesis grade: 4 Details
- **2000-04 / 2000-10 (6 months) Exchange Student at Kitami Institute of Technology**
- **1992-08 / 1995-06 (2 years, 10 months) Kauhajoki Senior High School**

## Other experience

- **2019 Member of the Board in Finnish Pirate Party**
- **2015 Candidate in Parliament Elections**
- **2003 / 2010 Member of the Board in Finnish Liberal Party**
- **2004 Candidate in European Parliament Elections**

## Hobby projects

- **2017 CVDB**
  - Technologies: Python, Django, BDD, CI
  - CV/Resume database made with Django. Open source, available in Github.
- **2016 Mitasny**
  - Technologies: Python, Django, Javascript, TDD, CI
  - Simple task/project manager made with Django using TDD. Open source, available in Github.
- **2015 Plokkeri**
  - Technologies: Python, Django, TDD, CI
  - Simple blogging platform. Open source, available in Github.
- **2012 Tyranny of Majority**
  - Technologies: Python, Django, MySQL, HTML5, Javascript
  - Web based collective decision-making tool for polling, voting and elections. Made with Python/Django, also used several other tools such as git, MySQL, HTML5, JavaScript etc.