Jarno Luoma-Nirva   SW Specialist

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Home page	http://www.jln.fi
Specialties	C++/Qt, Python/Django, TDD
Other skills	AWS, JavaScript, Jenkins, Vue.js

Profiles   GitHub: jarnoln LinkedIn: jarnoln

Work experience

- **2017-09 / current (7 years, 10 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++/Qt programming for Windows, Linux and embedded platforms. Web services with Python/Django/JavaScript. Worked for projects in Czech, 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

- **2000-04 / 2000-10 (6 months) Exchange Student at Kitami Institute of Technology**
- **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
- **1992-08 / 1995-06 (2 years, 10 months) Kauhajoki Senior High School**

Other experience

- **2019 / 2022 Member of the Board in Finnish Pirate Party**
- **2019 Candidate in Parliament Elections**
- **2004 Candidate in European Parliament Elections**
- **2003 / 2010 Member of the Board in Finnish Liberal Party**

Hobby projects

- **2020 Exposures (https://altistukset.fi)**
  - Technologies: Python, Django, Vue.js
  - Corona exposure event database and report generator made with Django. Open source, available in [Github](#).
- **2017 CVDB (https://cvdb.fi)**
  - Technologies: Python, Django, BDD, CI, REST, Ansible
  - CV/Resume database made with Django. Open source, available in [Github](#).
- **2016 Mitasny (http://mitasny.com)**
  - Technologies: Python, Django, Javascript, TDD, CI
  - Simple task/project manager made with Django using TDD. Open source, available in [Github](#).
- **2015 Plokkeri (https://plokkeri.fi)**
  - Technologies: Python, Django, TDD, CI
  - Simple blogging platform. Open source, available in [Github](#).
- **2012 Tyranny of Majority (http://tyrannyofmajority.net)**
  - 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.