



TIINA PARTANEN

SW DESIGN ENGINEER/
TEACHER

CAREER OBJECTIVE

Looking for new challenges in SW development.
Interests: functional programming, AI, automation and robots.

CORE SKILLS

- Independent, target-oriented working style
- Fast learner with capability to summarize core contents in clear presentations
- Team-worker with fluent written and spoken delivery in Finnish and English, fluent in spoken French
- Continuous learner looking always possibilities to learn new things

CONNECT WITH ME!

Puhelin: 050-5410803
partanen.tiina.s@gmail.com

LinkedIn: <https://www.linkedin.com/in/tiina-partanen-2078852/>

Git:
<https://github.com/tyynetyyne>,
<https://github.com/otredu>

Materials that I have created for learning/teaching programming:
<https://otredu.github.io/>
<http://racket.koodiaapinen.fi>

WORK EXPERIENCE

INFORMATION AND COMMUNICATION TECHNOLOGY TEACHER

Tampere, Tredu | January 2019 -

Teaching ICT courses, mainly SW development, both for youth and adult groups. Courses included Web-development (HTML5, CSS, JavaScript, PHP, React, node.js), databases (SQL, MySQL), SW design methods, testing and project work.

TEACHER: MATHEMATICS, PHYSICS, CHEMISTRY, COMPUTER SCIENCE

Tampere | August 2006 - January 2019

Teaching mathematics, physics, chemistry and computer science including programming courses for students 12-16 years old. Worked as programming teacher for other teachers in Innokas-network (2014-15), Code ABC MOOC (2015 - 17) and Association for mathematics teachers of Finland, Maol (2017).

SENIOR SW DESIGNER, TECHNICAL ARCHITECT Nokia Corporation | February 1998 - March 2006

Worked in R&D projects in Nokia Mobile Phones, Nokia Networks and PC Suite as SW designer and technical architect.

SCHOOLS ATTENDED

TAMPEREEN YLIOPISTO

Pedagogical Studies for Teachers

- 2003 - 2005

Pedagogical studies for teachers (35ov) including a module in Adult education (15ov)

TAMPEREEN TEKNILLINEN KORKEAKOULU

Master of Science in Engineering, Automation Engineering

- 1991 - 1998

Main subject: Control Engineering

Subsidiary subjects: Software Systems, Energy and Process Engineering, Chemistry

- 2003 - 2005

Additional studies in mathematics, physics, chemistry, computer science

ACADEMIC PUBLISHING

Niemelä P., Partanen T., Mannila L., Poranen T., Järvinen HM. Code ABC MOOC for Math Teachers. In: Computers Supported Education. CSEDU 2017. Communications in Computer and Information Science, vol 865. Springer (2018)

Niemelä P., Partanen T., Harsu M., Leppänen L., Ihantola P., Computational Thinking As an Emergent Learning Trajectory of Mathematics. Proceedings of the 17th Koli Calling Conference on Computing Education Research. ACM, 2017. s. 70-79 (Koli Calling '17).

Partanen, T., Niemelä, P., Mannila, L., Poranen, T.: Educating computer science educators online: a Racket MOOC for elementary math teachers of Finland. In: 9th International Conference on Computer Supported Education, CSEDU 2017