

# Dr. Ondřej Poláček



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Software developer and team lead with over 10 years of experience in design and development of desktop and mobile applications, mostly in C++ programming language. Experienced with all stages of software development but particularly interested in interaction design, usability, and user experience. Able to learn new things quickly.

C++ Python Qt UX Java SQL SCRUM  
Czech - native English - fluent German - beginner

## Experience

**Ricardo Plc**, team lead in Ricardo Software 1/2014-present

- Led team of 5 people – development of an application for post-processing of simulation results (plots)
- Designed and developed user interfaces (CAD) for 1d and 3d fluid dynamics solvers
- C++, Qt (Windows/Linux), Python, user research, prototyping of user interfaces, usability testing

**Sunnysoft**, software developer, part-time 6/2006-11/2009

- Developed various applications for mobile devices, e.g., on-screen keyboard, contacts, calling card
- C++, Windows mobile platform, Win API

**GEPRO**, software developer, part-time 2002-2006

- Developed parts of CAD system for surveyors and several database applications
- C++, Win API, SQL (Oracle, MS SQL)

## Education

**Czech Technical University in Prague (FEE, DCGI)**, PhD student, research fellow 3/2008-11/2014

- PhD degree in human-computer interaction (supervisor prof. Pavel Slavik)
- Research focus: text entry methods, assistive technology, voice interfaces, interactive TV
- Team member in several international and national projects
- Taught several courses focused on UX, tutored bachelor and master students
- Authored and co-authored 6 journal articles and 23 conference papers

**University of Salzburg (ICT&S Center)**, research fellow 3/2012-3/2013

- Developed contextual interaction framework (Java SE) for prototyping context-aware applications
- Research focus: API usability, usability testing

- Master of Engineering: Computer Technology
- Thesis: development of a music editor for mobile devices

## Other activities

- CAE certificate, trainings: presentation skills, software patterns, advanced SCRUM
- Volunteer on Ricardo public events, e.g., open day or girls day
- Volunteer on CHI and INTERACT conferences, volunteer in International Student Club
- Github: <http://github.com/zampecz>
- Interests: music and sports