

Eiríkur Ernir Þorsteinsson

Curriculum Vitae

Rauðarárstígur 3
105 Reykjavík
☎ (+354) 699 4392
✉ e.ernir@gmail.com
211087-3909



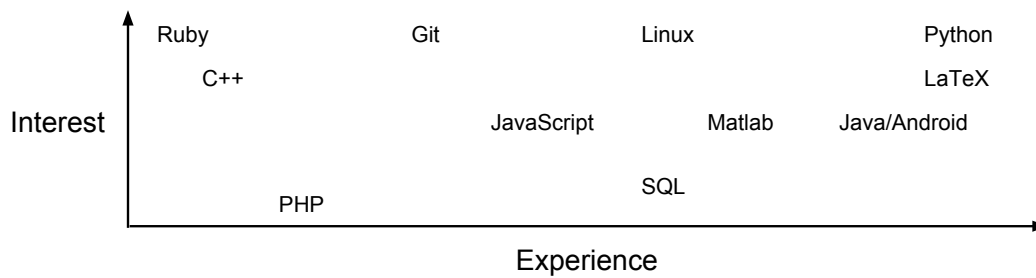
Education

- 2014–Present **MSc: Computer Science**, *University of Iceland*.
Pedagogy as a secondary subject
- 2009–2013 **BSc: Computer Science**, *University of Iceland*.
Emphasis on mathematics and computational science
- 2003–2007 **Matriculation**, *Hamrahlíð College*.
Emphasis on physics

Vocational Experience

- 2013–Present **Teacher**, TECHNICAL COLLEGE REYKJAVÍK.
I teach programming to students in the 16-20 age band. Covered subjects include concurrent programming (Java), database usage (MySQL), Android programming (Java), formal algorithms (Python), and web development (various languages).
Achievements:
- Introduced wholly new courses in algorithms and Android programming to the school's curriculum
 - Taught and restructured upper-level courses in web development and concurrent programming
- 2014 **Textbook writing**, *Independent*.
I wrote an introductory textbook on database usage, MySQL. The project was funded by Rannís. The book is written in Icelandic, and is available under a Creative Commons license: <https://github.com/Ernir/sql-bok-ts/releases>
- 2012 **Android Developer**, STOKKUR MOBILE SOFTWARE.
Android development. I worked on apps from start to finish, including program logic, UI development and backend work.
Partial list of applications worked on:
- Fjölmiðlavaktin
 - Púlsinn
 - Domino's Iceland
 - Inspired by Iceland
- 2010-2013 **Teaching Assistant**, UNIVERSITY OF ICELAND.
Taught supporting classes for Software Projects I & II (2014-2015), User Interface Programming (2013) and Computer Science 1a (2010,2011).
- 2011 **Research Assistant**, UNIVERSITY OF ICELAND.
Constructed optimization models pertaining to the evolvability of user interfaces. Implementations in Matlab and GLPK. Funded by Rannís.

Programming and Computer Skills



Awards

2007 Award for excellent performance in the field of physics at Hamrahlíð College.

Communication Skills

2010-Present Extensive experience leading lectures and workshops

2007-2010 Group manager at KGRP, working closely with teenagers

Languages

Icelandic **Native**

English **Advanced**

Excellent reading comprehension, conversationally fluent

German **Basic**

Lived in Germany from 1994 to 1997

Hobbies

- Role-playing games: Writing (usually), playing (too rarely)
- Programming
- Board games
- Weightlifting
- Converting everything to \LaTeX

Online presence

- Website: <http://eirikur.ernir.net/>
- Stack Exchange: <http://stackexchange.com/users/1847662/ernir>
- Twitter: <https://twitter.com/bokabeus>
- Github: <https://github.com/Ernir>

References

References include my recent employers, and are available upon request.