

# Eiríkur Ernir Þorsteinsson

## Curriculum Vitae

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### Education

- 2013 **Bachelor of Computer Science**, *University of Iceland*.  
Emphasis on mathematics and computational science
- 2007 **Matriculation**, *Hamrahlíð College*.  
Emphasis on physics

### Experience

#### Vocational

- 2013–Present **Teacher**, TECHNICAL COLLEGE REYKJAVÍK.  
I teach programming to students in the 16-20 age band. Covered subjects are 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
- 2012 **Android Developer**, STOKKUR MOBILE SOFTWARE.  
Android development. Worked on apps from start to finish, including program logic, UI development and backend work.  
Partial list of applications worked on:
- Domino's Iceland
  - Inspired by Iceland
  - Reykjavik Excursions
  - Handbolti
- 2010-2013 **Teaching Assistant**, UNIVERSITY OF ICELAND.  
Taught supporting classes for 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.

#### Miscellaneous

- 2007-2010 **Group Manager**, *KGRP (Reykjavik Graveyards)*.  
Managed summer employees, along with performing general gardening work.

## Programming and Computer Skills

Professional Java/Android, Matlab/GNU Octave,  $\text{\LaTeX}$   
Intermediate Python, JavaScript/jQuery/HTML5, Linux  
Basic SQL (MySQL), PHP, Git, SVN

Have been peripherally exposed to innumerable other programming languages thanks to a habit of fiddling.

## 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: playing
- Role-playing games: designing
- Programming
- Board games
- Weightlifting
- Converting everything to  $\text{\LaTeX}$

## 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>
- Other: <http://www.baronsbazaar.ca/forums/index.php?showuser=8>  
(Site admin. Gaming site focused on Blizzard products.)