

Amanda Rösler, Programmer and Web Developer

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Résumé

Education

Computer Science, Master's Program, Royal Institute of Technology — Fall 2010 And Onward

I am currently enrolled in the Master's Program in Computer Science at the Royal Institute of Technology in Stockholm. The purpose of the program is to provide a broad education within computer science with the opportunity to specialize in an area of your choosing. The program also constitutes of mandatory classes within computer security, advanced algorithms and artificial intelligence, among other topics.

Game Programming, Bachelor's Program, Blekinge Institute of Technology — Fall 2006 - Spring 2009

Game Programming is a three year software engineering program that gives in-depth knowledge in the fields of computer science, programming and mathematics. The main focus of the program is game development, and it includes courses on 3D rendering, artificial intelligence, real-time physics and performance optimization, as well as two large team game development projects.

Free-Standing Online Courses, 2008

During 2008 I took the following online courses in addition to my other studies:

- D0015D – Web Development I - Introduction (Luleå University of Technology) – 7.5 ECTS
- GD400F – Graphic Design I (Kristianstad University College) – 7,5 ECTS
- KGK742 – Vector Graphics (Gotland University) – 15 ECTS
- DV1106 – Database Technique and Web Applications, Basics (Blekinge Institute of Technology) – 7,5 ECTS

Exchange Student, California State University East Bay, Hayward, USA — Spring 2006

From March to June in 2006, I took the following courses at CSU East Bay in Hayward:

- CS2430 – Computer Organization and Assembly Language Programming
- CS3560 – Introduction to Systems Programming
- MATH1130 – College Algebra

Free-Standing Courses, Blekinge Institute of Technology — Fall 2005 - Spring 2006

During the fall semester of 2005 and the first two months of 2006, I took the following courses at Blekinge Institute of Technology in Ronneby:

- DVA001 – Object-Oriented Programming – 15 ECTS
- DVA022 – Programming in C – 7,5 ECTS
- DVB021 – Programming in C++ – 7,5 ECTS
- DVA031 – Algorithm Design and Data Structures – 7,5 ECTS

International Baccalaureate Diploma Programme, Söderportgymnasiet, Kristianstad — Fall 2002 - Spring 2005

The IB Diploma Programme is a comprehensive and challenging pre-university program where almost all subjects are taught in English. Students at the program choose six subjects that they study in depth, and I chose Swedish, English, Mathematics, Physics, Economics and Geography.

Work Experience

iPad Developer — 2010 And Onward

In March and April 2010, I developed the notetaking and drawing app *SketchNotes* for iPad. Since then I have released a number of updates and sold over 1500 copies. I am now developing an iPad app for children with disabilities, in collaboration with the Swedish company Röda roboten animation (<http://rodaroboten.se>).

Web Developer — 2006 And Onward

I have developed web sites commercially in my spare time since 2006. I am responsible for all or parts of the code and graphics on the following web sites:

- holjeel.se (2010)
- ahlab.se (2010)
- liberalakvinnor.se (2010)
- tipsaren.nu (2009-2010)
- bengansdatorer.se (2009)
- kaliberkommunikation.se (2009)
- redskirtfashion.se (2009)
- fagerhultsplantskola.se (2009)
- ljungsledsplantskola.se (2009)
- vidersborg.se (2009)
- uteplantor.se (2009)
- faveo.se (2009)
- eldrivet.nu (2008)
- frenchlanguageholidays.eu (2008)
- www.malinandersson.com (2007)
- svartafaret.nu (2006-2007)

Library Assistant, Blekinge Institute of Technology, Ronneby — 2006 - 2009

From 2006 to 2009, I worked part-time at my university's library.

Selection of Computer Skills

Programming Languages

Objective-C, C++, C, Java, PHP, Python, Ruby

Web Technologies

XHTML, CSS, MySQL, Ruby On Rails, JavaScript

Applications

XCode, Visual Studio, NetBeans, Eclipse, Adobe Photoshop

Language Skills

Is Fluent In:

- Swedish (native language)
- English

References

References are available upon request.