

Robin Chowdhury

robinch88@gmail.com
070-384 41 76

Technical Knowledge

Programming Languages

Java, Python, Go, Groovy, Matlab, Octave, C, C#, SQL

Web and Mobile Development

Javascript, HTML, CSS, Bootstrap, Android, AngularJS, Sails.js, Node.js

Products/Environments

Windows XP/Vista/7/8/10, Unix, Solaris, Ubuntu, Mac OS X, Microsoft Office, LibreOffice, Latex, Eclipse, IntelliJ IDEA, Android Studio, Unity, Sublime, VIM, JIRA, Jenkins, MySQL, PostgreSQL

Version Control Systems

Git, Perforce

Education

Master's Degree Computer Science (300 hp)

Kungliga Tekniska Högskolan
(Royal Institute of Technology, Sweden)

Experience

Full-stack Developer

Scania, Research and Development

- Visualized information from JIRA

Summer 2013

Android Developer

Scania, Research and Development

- Visualized real-time data from Scania trucks.

Summer 2012

Teaching Assistant

KTH, Database technology (DD1334)

Spring 2012

Lab Assistant

KTH, Database technology (DD1334)

Spring 2012

Salesman

Roslagsjärn med färg AB

Summers 2008-2011

Projects

Context Expansion using Random Indexing

KTH, Search Engines and Information Retrieval Systems

- Developed a thesaurus that was using Apache Solr, a popular open source search platform, to expand search queries. The thesaurus was created by using the method Random Indexing on data from Wikipedia.

2015

Visualizing Wikipedia using a Graph Database

KTH, Modern Database Systems and Their Applications

- Visualized Wikipedia by storing its link structure in the graph database Neo4j and using different clustering algorithms to visualize.

2015

	<i>Re:Peter</i>	2014
	KTH, Computer Game Design	
	<ul style="list-style-type: none"> • A puzzle-adventure game that is compatible with Oculus Rift and Xbox controller. The game was developed in Unity. 	
	<i>Studs</i>	2013-2014
	KTH, Datasektionen	
	<ul style="list-style-type: none"> • We were 31 students that created events together with various companies to meet and get to know them. With the sponsorship collected from the companies we were able to travel to New York, San Francisco and Los Angeles where we networked with leading companies such as Facebook, Google, Yelp and Palantir. 	
	<i>EyeBrowse</i>	2009-2010
	KTH, Bachelor	
	<ul style="list-style-type: none"> • Developed an eye-controlled browser with nine other students. We used Tobii's APIs and hardware. 	
	<i>Estimating Complex Blur Patterns in Large Real-life Images</i>	2012
	KTH, Bachelor Thesis	
	Written with Alexander Solsmed.	
Extra-curricular Activities	<i>Business Relations Club</i>	2012-2014
	KTH, Datasektionen	
	<ul style="list-style-type: none"> • Facilitated relations between students and companies by arranging events and lectures. One event is when over 30 companies comes to KTH for a day to network with students. 	
	<i>Business Host for Google</i>	2011
	KTH, Armada	
	<i>Financial Manager, Datas klubbmästeri (DKM)</i>	2011-2012
	KTH, Datasektionen	
	<i>Datas klubbmästeri (DKM)</i>	2010-2011
	KTH, Datasektionen	
	<ul style="list-style-type: none"> • Arranged pubs, events and parties for Computer Science students. 	
	<i>Orientation</i>	2010, 2011
	KTH, Datasektionen	
	<ul style="list-style-type: none"> • Helped with organizing the orientation of new Computer Science students. 	
Languages	Swedish, native language	
	English, fluent in speech and writing	