

# Robin Chowdhury

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robinch88@gmail.com  
070-384 41 76

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| <b>Education</b>  | <i>Master's Degree Computer Science (300hp)</i><br>Kungliga Tekniska Högskolan<br>(Royal Institute of Technology, Sweden)   |                   |
| <b>Experience</b> | <i>Software Developer</i><br>Scania, Research and Development <ul style="list-style-type: none"><li>Visualized parsed information from JIRA</li></ul>   | Summer 2013       |
|                   | <i>Andriod developer</i><br>Scania, Research and Development <ul style="list-style-type: none"><li>Visualized real-time data from Scania trucks.</li></ul>  | Summer 2012       |
|                   | <i>Teaching assistant</i><br>KTH, Database technology (DD1334)  | Spring 2012       |
|                   | <i>Lab assistant</i><br>KTH, Database technology (DD1334)   | Spring 2012       |
|                   | <i>Salseman</i><br>Roslagsjärn med färg AB  | Summers 2008-2011 |
| <b>Projects</b>   | <i>Context Expansion using Random Indexing</i><br>KTH, Search Engines and Information Retrieval Systems <ul style="list-style-type: none"><li>Developed a thesaurus that was used with Apache Solr to expand search queries. The thesaurus was created by using Random Indexing on a Wikipedia dump.</li></ul>                | 2015              |
|                   | <i>Visualizing Wikipedia using a Graph Database</i><br>KTH, Modern Database Systems and Their Applications <ul style="list-style-type: none"><li>Visualized Wikipedia by storing its link structure in the graph database Neo4j and using different clustering algorithms to visualize.</li></ul>                             | 2015              |
|                   | <i>Re:Peter</i><br>KTH, Computer Game Design <ul style="list-style-type: none"><li>A puzzle-adventure game developed in Unity that is Oculus Rift and Xbox-controller compatible.</li></ul>   | 2014              |
|                   | <i>Studs</i><br>KTH, Datasektionen <ul style="list-style-type: none"><li>We were 31 students that created events together with various companies to meet and get to know them. With the money collected from these events, we managed to travel to New York, San Francisco and Los Angeles to meet other companies.</li></ul> | 2013-2014         |
|                   | <i>EyeBorwse</i><br>KTH, Bachelor <ul style="list-style-type: none"><li>Developed an eye-controlled browser with nine other students. We used Tobii's API and hardware.</li></ul>   | 2009-2010         |

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|                                    | <i>Estimating complex blur patterns in large real-life images</i><br>KTH, Bachelor Thesis<br>Written with Alexander Solssmed   | 2012       |
| <b>Extra-curricular activities</b> | <i>Business Relations Club</i><br>KTH, Datasektionen <ul style="list-style-type: none"> <li>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 meet and greet students.</li> </ul> | 2012-2014  |
|                                    | <i>Business Host for Google</i><br>KTH, Armada   | 2011       |
|                                    | <i>Financial Manager, Datas klubbmästeri (DKM)</i><br>KTH, Datasektionen   | 2011-2012  |
|                                    | <i>Datas klubbmästeri (DKM)</i><br>KTH, Datasektionen <ul style="list-style-type: none"> <li>Arrange pubs, events and parties for Computer Science students.</li> </ul>  | 2010-2011  |
|                                    | <i>Orientation</i><br>KTH, Datasektionen <ul style="list-style-type: none"> <li>Helped with organizing the orientation of new Computer Science students.</li> </ul>  | 2010, 2011 |
| <b>Languages</b>                   | Swedish, native language<br>English, fluent  |            |
| <b>Competense</b>                  | <i>Programming</i><br>Java, Android, Python, Go, Javascript, SQL, CSS, HTML  |            |