

# Robin Chowdhury

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## Technical Knowledge

### *Programming Languages*

Java, Elixir, C#, Javascript, Python, Go, Groovy, C, SQL

### *Web and Mobile Development*

Android, Xamarin, Javascript, HTML, CSS, AngularJS, Sails.js

### *Products/Environments*

Android Studio, Xamarin Studio, Visual Studio, Eclipse, IntelliJ IDEA, JIRA, MySQL, PostgreSQL

### *Version Control Systems*

Git, Perforce

## Experience

### *Software Developer*

Bonnier Broadcasting, Stockholm

- Integrating third party services

September 2018 - Present

### *Forward Deployed Android Engineer*

Tink, ABN AMRO, Amsterdam

- Responsible for developing and releasing the Android version of Grip. A personal finance manager based the Tink app.

April 2016 - June 2018

### *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

## Education

### *Master's Degree Computer Science (300 hp)*

Kungliga Tekniska Högskolan  
(Royal Institute of Technology, Sweden)

## 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

2015

method Random Indexing on data from Wikipedia.

*Visualizing Wikipedia using a Graph Database* 2015  
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.

*Re:Peter* 2014  
KTH, Computer Game Design

- A puzzle-adventure game that is compatible with Oculus Rift and Xbox controller. The game was developed in Unity.

*Studs* 2013-2014  
KTH, Datasektionen

- 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.

*EyeBrowse* 2009-2010  
KTH, Bachelor

- Developed an eye-controlled browser with nine other students. We used Tobii's APIs and hardware.

*Estimating Complex Blur Patterns in Large Real-life Images* 2012  
KTH, Bachelor Thesis  
Written with Alexander Solsmed.

**Extra-curricular Activities** *Business Relations Club* 2012-2014  
KTH, Datasektionen

- 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.

*Business Host for Google* 2011  
KTH, Armada

*Financial Manager, Datas klubbmästeri (DKM)* 2011-2012  
KTH, Datasektionen

*Datas klubbmästeri (DKM)* 2010-2011  
KTH, Datasektionen

- Arranged pubs, events and parties for Computer Science students.

*Orientation* 2010, 2011  
KTH, Datasektionen

- Helped with organizing the orientation of new Computer Science students.

**Languages** Swedish, native language  
English, fluent in speech and writing