

Robin Chowdhury

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Technical Knowledge

Programming Languages

Java, C#, 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

Forward Deployed Android Engineer

April 2016 - Present

Tink, ABN AMRO, Amsterdam

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

Full-stack Developer

Summer 2013

Scania, Research and Development

- Visualized information from JIRA

Android Developer

Summer 2012

Scania, Research and Development

- Visualized real-time data from Scania trucks.

Teaching Assistant

Spring 2012

KTH, Database technology (DD1334)

Lab Assistant

Spring 2012

KTH, Database technology (DD1334)

Salesman

Summers 2008-2011

Roslagsjärn med färg AB

Education

Master's Degree Computer Science (300 hp)

Kungliga Tekniska Högskolan

(Royal Institute of Technology, Sweden)

Projects

Context Expansion using Random Indexing

2015

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.

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