

Johannes Schickling

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EDUCATION

KIT UNIVERSITY

BS in Computer Science

Expected September 2014

Focus on Mathematics,
Security & Computer Graphics

GRAMMAR SCHOOL

Grad. March 2011 | Germany

Focus on Maths & Physics

LINKS

Github:// [schickling](#)

Stackoverflow:// [schickling](#)

Twitter:// [@_schickling](#)

LinkedIn:// [schickling](#)

COURSEWORK

THESIS

Enabling Bluetooth Low Energy
Technology in Cross-platform
Applications

CLASS PROJECTS

Mobile Development (iOS)
Algebra & Number Theory
Multidimensional Datastructures
Operating Systems
Functional Programming
Computer Graphics & Geometry
Webengineering
Inovative business concepts

SKILLS

PROGRAMMING

Most experience:

JavaScript • PHP

Solid knowledge:

C/C++ • Java • Ruby • Shell

Haskell • SQL • HTML/CSS

OpenGL • Cordova

Familiar:

Objective-C • Android • Go

WORKFLOW

Daily usage:

Vim • Git • Docker • SSH

Good knowledge:

AWS • Integration testing platforms

EXPERIENCE

COURSERA | KPCB Fellow + Software Engineering Intern

Expected June 2014 – Sep 2014 | Mountain View, CA

- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.

GOOGLE | Software Engineering Intern

May 2013 – Aug 2013 | Mountain View, CA

- Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
- Created a backbone.js-like framework for the Captions editor.
- All code was reviewed, perfected, and pushed to production.

PHABRICATOR | Open Source Contributor & Team Leader

Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator, the entire Lipsum application, ported Tokens to different apps, fixed many bugs and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

RESEARCH

CORNELL ROBOT LEARNING LAB | Head Undergrad Research

Jan 2014 – Present | Ithaca, NY

Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments. Publication submitted.

CORNELL PHONETICS LAB | Head Undergraduate Researcher

Mar 2012 – May 2013 | Ithaca, NY

Lead the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research. Publication submitted.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	2 nd most points	Google Code Jam, Qualification Round
2014	1 st /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 th /120	CS 3410 Cache Race Bot Tournament
2012	2 nd /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist
2010	National	Comp. Soc. of India's National Programming Contest

SOCIETIES

2014	top 12%ile	Tau Beta Pi Engineering Honor Society
2014	National	The Global Leadership and Education Forum (tGELF)
2012	National	Golden Key International Honor Society
2012	National	National Society of Collegiate Scholars