Sigtryggur **Kjartansson**

software engineer

about

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programming

Java
Python
C/C++
Ruby
JavaScript
Swift
MATLAB

web technologies

Ruby on Rails
jQuery
nodeJS
HTML + CSS
XML
JSP
Django

other technologies

Git, p4, SVN, ADE
Eclipse, xCode, vim
LaTeX

languages

Icelandic (native)
English (fluent)
German (proficient)
Danish (proficient)
Spanish (novice)

Education

Massachusetts Institute of Technology   Cambridge, MA
B.Sc. in Mathematics with Computer Science   Aug 2010 - Jun 2014

GPA: 5.0 / 5.0 - *Phi Beta Kappa member*

Relevant Coursework: Design and Analysis of Algorithms; Software Construction; Software Studio; Machine Learning; Advanced Data Structures; Computation Structures; Spectral Graph Theory; Number Theory; Linear Algebra; Signals, Systems and Networks.

Experience

Google   Mountain View, CA
Software Engineer - Google My Business   Sep 2015 - *current*
  • Worked on back-end technologies for businesses on Google.

Oracle   Redwood City, CA
Software Engineer - Data Technologies   Aug 2014 - Sep 2015
  • Implemented an efficient copy function that significantly improves the throughput of in-memory dictionary population.
  • Optimized filtering of in-memory compression formats.

Amazon Inc.   Seattle, WA
Software Development Intern - Fulfillment Technologies   May - Aug 2013
  • Designed and implemented a shipment item marking service for an internal tool used in fulfillment centers, in order to improve problem resolution times.
  • Deployed the service and users are now notified faster when a problem arises, improving resolution times.

MIT Department of EECS   Cambridge, MA
Teaching Assistant   Feb 2013 - Jun 2014
  • Coached teams of college undergraduates in Discrete Mathematics for Computer Science and helped them grasp the material and improve mathematical proof writing.
  • Managed the course's online edX learning platform and created automation tools for that purpose.

MIT SLOAN - Mobile Innovation Group   Cambridge, MA
Undergraduate Researcher   Mar - Aug 2013
  • Implemented data collectors for mobile applications and a load balancer for the collectors.

Akamai Technologies   Cambridge, MA
Software Development Intern - Platform Operations   Jun - Aug 2012
  • Designed and implemented an online server access request system that simplified the request process.
  • Delivered a fully formed web tool that allows users to more easily seek approvals and documents all approval actions.

Leadership

MIT Scandinavian Society   Cambridge, MA
Treasurer, Co-Founder   Sep 2011 - Jun 2014
  • Founded a new student group that celebrates Nordic culture.

Interests

soccer, exercise, piano, flute, languages, traveling