Rahul Dhodapkar

Personal

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Education

May 2015 Bachelor of Science in Computer Science, **Yale University**, New Haven, CT
distinction in the major, GPA: 3.76/4.0

May 2011 High School, **Hopkins School**, New Haven, CT
cum laude, GPA: 10.4/12.0

Work

Current
Aug 2015

Consulting Engineer at MongoDB Inc., New York

Assisted clients in information architecture and infrastructure design.

Published material as technical contributor on mongodb.com blog.

Prototyped a new query optimization system for the core MongoDB kernel, implementing techniques described in the database literature based on machine learning.

July 2014
May 2014

Software Engineering Intern MongoDB Inc., New York

Assisted clients in information architecture and infrastructure design.

Published material as technical contributor on mongodb.com blog.

Prototyped a new query optimization system for the core MongoDB kernel, implementing techniques described in the database literature based on machine learning.

July 2013
May 2013

Research and Development Intern at Epic Systems, Madison

Headed a team of 3 interns coordinating a full-stack project using machine learning to predict diagnoses for ambiguously presenting patients.

Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.

July 2012
May 2012

Software Development Intern at VantageLocal, Palo Alto
(now Frequence)

Developed a web application for demonstrating the power and scope of locally targeted advertising based on the real time bid (RTB) system.

Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.

Feb 2012 – May 2008 | Research Associate at Yale Department of Genetics, New Haven
Lab of Dr. Matthew State

Wrote Markov-Chain-Monte-Carlo algorithms for copy number variation prediction in multiplex families with autism.

Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.

Volunteering

Publications

Jan 2017 VeriConf: Synthesizing Configuration Rules through Association Rule Learning
Submitted, currently under review
[Computer Aided Verification] [co-author]

Jun 2011 Recurrent de novo copy number variations (CNVs) at 7q11.23, 15q11.2-13.1, 16p11.2, and the Neurexin 1 (NXRN1) locus are strongly associated with simplex autism. (PubMed: PMC3939065)
[Neuron] [co-author]

Scholarships and Certificates

Languages

Spanish: Proficient
Hindi: Proficient
Korean: Basic

Programming and Information Systems

Interests and Activities