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

Selected Work

Current
May 2014

Consulting Engineer at MongoDB Inc.
New York, NY, USA

Implemented security standards for HIPAA-compliant clients using MongoDB to store medical sensor data for over 1000 patients in clinical trials.

Architected and built core the core job and resource management system used daily by over 7000 employees of a major U.S. city.

Led technical training for new hires, and developed new course materials around security features and best practices.

Jul 2013
May 2013

Research and Development Intern at Epic Systems
Verona, WI, USA

Headed a team of interns to build a web-application mining patient data across hospitals using Epic.

Wrote a graph-based clustering algorithm to connect physicians and support them in diagnosis of ambiguously-presenting patients.

Jul 2012
May 2012

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

Developed a web application to automate quote generation for locally targeted, real time bid (RTB) advertising for over 43,000 U.S. zip codes.

Wrote Flash-based tools to assist advertising creative team in banner ad design.

Feb 2012
May 2008

Research Associate at Yale Child Study Center
Lab of Dr. Matthew State *(now at* University of California, San Francisco)
New Haven, CT, USA

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

Performed polymerase chain reaction (PCR) to generate samples for next-gen genome sequencing and RNA extraction for expression profiling of brain tissue.

Service

CURRENT AUG 2016	Volunteer at MOUNT SINAI HOSPITAL, RUTTENBERG CANCER CENTER New York, NY, USA
MAY 2014 SEP 2014	Philanthropy Chair at SIGMA CHI FRATERNITY New Haven, CT, USA
MAY 2013 SEP 2012	Literacy Tutor at NEW HAVEN READS New Haven, CT, USA
JUN 2009 MAY 2009	TA at MOVING ACADEMY OF MEDICINE AND BIOMEDICINE Pune, MH, Republic of India

Speaking

JUN 2016	Building Asynchronous Microservices MongoDB World Conference New York, NY, USA
JUN 2016	Security in the Age of the Internet World Scholars Leadership Conference GEUMGANG UNIVERSITY, Nonsan, Republic of Korea
MAR 2016	Kerberos: What is it really, and how do I use it? MongoDB Consulting Team Meeting New York, NY, USA

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]

Selected Awards and Honors

MAY 2015	Sigma Chi Chapter Balfour Prize *For most outstanding senior in the graduating class.*
AUG 2013	Sigma Chi J. Willard Marriott Scholarship
JUN 2013	ThinkChicago Lollapalooza Winner *Municipal innovation pitch competition by the City of Chicago*
OCT 2012	Yale Venture Creation Program Fellow
MAY 2011	National Merit Scholarship Finalist