

Rahul DHODAPKAR

PERSONAL

ADDRESS: 128 MacDougal Street, #1C, New York, NY 10012
PHONE: +1 347 5633757
EMAIL: rahul.m.dhodapkar@gmail.com
WEBSITE: www.rahuldhodapkar.com

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 FREQUENCY) 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 <i>Lab of DR. MATTHEW STATE</i>
	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.

SERVICE

CURRENT AUG 2016	Volunteer at MOUNT SINAI HOSPITAL, New York <i>Ruttenberg Cancer Center</i>
MAY 2013 SEP 2012	Literacy Tutor at NEW HAVEN READS, New Haven
JUN 2009 MAY 2009	TA at MOVING ACADEMY OF MEDICINE AND BIOMEDICINE, Pune

PUBLICATIONS

JAN 2017	VeriConf: Synthesizing Configuration Rules through Association Rule Learning <i>Submitted, currently under review</i> [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]

AWARDS AND HONORS

MAY 2015	Sigma Chi Chapter Balfour Prize <i>For most outstanding senior in the graduating class.</i>
AUG 2013	Sigma Chi J Willard Marriott Scholarship
JUNE 2013	ThinkChicago Lollapalooza Winner <i>Municipal innovation pitch competition by the City of Chicago</i>
OCT 2012	Yale Venture Creation Program Fellow
SEP 2012	Yale Entrepreneurial Society Elevator Pitch Competition Runner Up
MAY 2011	National Merit Scholarship Finalist

LEADERSHIP

LANGUAGES

SPANISH: Proficient

HINDI: Proficient

KOREAN: Basic

PROGRAMMING AND INFORMATION SYSTEMS

INTERESTS AND ACTIVITIES
