

Rahul DHODAPKAR

PERSONAL

ADDRESS: 128 MacDougal Street, #1C, New York, NY 10012
TELEPHONE: +1 347 563 3757
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, NY, USA Assisted clients in information architecture and infrastructure design. Published material as technical contributor on mongodb.com blog. Led internal training for new technical hires.
MAR 2015 AUG 2014	Consultant at SEARS HOLDINGS CORPORATION Hoffman Estates, IL, USA Evaluated product APIs and integration points for Sears integrated home platform. Wrote middleware to create single interface for multiple smart home products.
MAR 2015 AUG 2014	CTO at HUDDL New Haven, CT, USA Led product development of Huddlr mobile application.
JUL 2014 MAY 2014	Software Engineering Intern at MONGODB INC. New York, NY, USA 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	<p>Research and Development Intern at EPIC SYSTEMS Verona, WI, USA</p> <p>Headed a team of 3 interns coordinating a full-stack project using machine learning to predict diagnoses for ambiguously presenting patients.</p> <p>Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.</p>
JULY 2012 MAY 2012	<p>Software Development Intern at VANTAGELOCAL, (<i>now</i> FREQUENCY) Palo Alto, CA, USA</p> <p>Developed a web application for demonstrating the power and scope of locally targeted advertising based on the real time bid (RTB) system.</p> <p>Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.</p>
FEB 2012 MAY 2008	<p>Research Associate at YALE DEPARTMENT OF GENETICS <i>Lab of</i> DR. MATTHEW STATE New Haven, CT, USA</p> <p>Wrote Markov-Chain-Monte-Carlo algorithms for copy number variation prediction in multiplex families with autism.</p> <p>Built a web-application to mine patient information data across hospitals using Epic to connect physicians and support them in diagnosis.</p>

SERVICE

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

PUBLICATIONS

JAN 2017	<p>VeriConf: Synthesizing Configuration Rules through Association Rule Learning <i>Submitted, currently under review</i> [COMPUTER AIDED VERIFICATION] [CO-AUTHOR]</p>
JUN 2011	<p>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]</p>

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
- SEP 2012 Yale Entrepreneurial Society Elevator Pitch Competition Runner Up
- MAY 2011 National Merit Scholarship Finalist

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

LANGUAGES

- SPANISH: Proficient
HINDI: Proficient
KOREAN: Basic

PROGRAMMING AND INFORMATION SYSTEMS

- LANGUAGES: Python, Perl, JavaScript, Java, C, C++, R
EXPERTISE: Information Architecture, Cybersecurity
TOOLS: MongoDB, Kerberos, LDAP, SAMtools, BioPAX