CHINTAN VAISHNAV
32 Vassar St., Rm. 32-G822, Cambridge, MA 02139, USA; chintanv@mit.edu; +1-617-312-3834

EDUCATION

Massachusetts Institute of Technology — **Cambridge, MA** — **2010**
Ph. D. in Engineering Systems (or Technology, Management, and Policy)
Thesis: The End of Core: Should Disruptive Innovation in Telecommunications Invoke Discontinuous Regulation

Massachusetts Institute of Technology — **Cambridge, MA** — **2005**
Master of Science in Technology and Policy Program

Colorado State University — **Fort Collins, CO** — **1996**
Master of Science in Electrical Engineering

R.V.C.E, Bangalore University — **Bangalore, India** — **1992**
Bachelor of Engineering in Electronics Engineering

EXPERIENCE

Academic

Massachusetts Institute of Technology (MIT) — **Cambridge, MA** — **01/11-Present**
Post-doctoral Researcher
Introduced tools of complex socio-technical systems to modeling interdependencies between Cyberspace and International Relations. • Comprehensively modeled disruption/failure of technology/firms in communications value chain. Advised graduate-level empirical research.

Carnegie Mellon-Instituto Superior Técnico (IST) — **Lisbon, Portugal** — **10/09 – 01/11**
Post-doctoral Researcher
• Surveyed current theories of cyber democracy to demonstrate their limitations in explaining Internet's impact on political engagement. Argued for broadening the information bases to answer contemporary questions. • Advised Portuguese Telecom Regulator (ANACOM) on policies for universal broadband.

Graduate-level Teaching
• Telecom Management (Spring '10, ***Carnegie Mellon University***) • Telecom Management (Fall '09, Fall, '10, ***IST***) • System Dynamics (Fall '05, Spring '06, ***MIT***) • Science, Technology, and Public Policy (Fall '06, ***MIT***) • Computer Networks (Fall '98, ***Colorado State University***)

Entre-preneurship

SMSVani — **Present**
Founder
Creating an sms2web micro-philanthropy platform, where small local needs reported via text messages from mobile phones are aggregated and broadcasted globally for donors to make risk-free donations.

Design for the Disadvantaged (DfD) Labs — **Present**
Conceptualized, and setting up in partnership with India's National Innovation Foundation, a laboratory where formal and grassroots innovators can collaborate to design technology prototypes for overcoming the occupational hazards inflicting disadvantaged populations.

Industry

Bell Labs, Lucent Technologies — **Denver, CO** — **01/97 – 08/03**
Member of Technical Staff
• Led a team of eight engineers to architect, design and develop fault tolerance engine for Lucent's largest enterprise communication system to deliver 99.9999% reliability. • Architected and implemented the migration of Lucent's traditional circuit switch connectivity to TCPIP. The solution has 30,000+ installations globally in more than 90% of Fortune 500 companies.

Policy

Telecom Regulatory Authority of India (TRAI) — **New Delhi, India** — **Present**
Establishing collaboration between MIT and TRAI for knowledge sharing on contemporary issues in Internet and telecom regulation.

Federal Communications Commission (FCC) — **Washington DC** — **Summer 04**
Research Intern
• Performed detailed stakeholder analysis of over 3500 public comments in response to FCC's IP-enabled Services regulation. • Participated in microeconomic modeling and analysis of wireless industry's then largest AT&T-Cingular merger under FCC's chief economist.

ADDITIONAL SKILLS

Computer Skills: C, C++, Java, Perl, Python, Shell Script; Linux-based systems/application programming; XHTML, XML, Javascript; MS Office, Dreamweaver

Modeling: System Dynamics, Agent-based modeling, Econometrics, Social Network Analysis, Domain Structure Matrix

AWARDS

• FCT, Portugal (Portuguese equivalent of NSF) Research Fellowship (2009-2011) • NSF Integrative Graduate Education and Research Traineeship (2007-2009) • CFP, MIT, Graduate Research Fellowship (2003-2006)