Vineet Pandey, Ph.D.
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Employment / Experience

2023-	Assistant Professor, School of Computing, University of Utah, Salt Lake City, UT, USA
2022-	Postdoctoral Associate, Massachusetts Institute of Technology, Cambridge, MA, USA Faculty Mentor: Arvind Satyanarayan, PhD; Assistant Professor of Computer Science
2019-22	Postdoctoral Fellow, Computer Science, Harvard University, Cambridge, MA, USA Affiliate, Center for Research on Computation and Society Faculty Mentor: Krzysztof Z. Gajos, PhD; Professor of Computer Science
2019-22	Non-Employee Researcher, Massachusetts General Hospital, Boston, MA, USA Faculty Mentor: Anoopum Gupta, MD, PhD (Neurology, Harvard Medical School)
2014	Research Intern, Microsoft Research, Redmond, WA, USA
2010	Summer School for Computing for Socio-Economic Development, Microsoft Research, Bangalore

Education

2019	Ph.D. in Computer Science & Engineering University of California San Diego, La Jolla, CA **School of Engineering Henry Booker Award for Exemplary Ethical Engineering** Thesis: Citizen-led Work using Social Computing and Procedural Guidance Committee members: **Scott Klemmer**, Don Norman, Jim Hollan, Rob Knight, Laurel Riek
2011	Bachelor of Engineering (Honors), Computer Science BITS Pilani, India Thesis: Integer Representations towards Efficient Counting in the Bit Probe Model

Selected Publications

1. Galileo: Citizen-led Experimentation using a Social Computing System · *ACM CHI 2021* · Vineet **Pandey**, Tushar Koul, Chen Yang, Mad Price Ball, Bastian Greshake Tzovaras, Daniel McDonald, Rob Knight, Scott Klemmer.

2. Accuracy and Reliability of At-home Quantification of Motor Impairments Using a Computer-based Pointing Task with Children with Ataxia-Telangiectasia · *In Submission 2022* · Vineet **Pandey**, Nergis C. Khan, Anoopum S Gupta, Krzysztof Z Gajos

3. Docent: Transforming Personal Intuitions to Scientific Hypotheses through Content Learning and Process Training · *ACM Learning@Scale 2018* · Vineet **Pandey**, Justine Debelius, Embriette Hyde, Tomasz Kosciolek, Rob Knight, Scott Klemmer

4. Free-living motor activity monitoring in ataxia-telangiectasia · *The Cerebellum (June, Issue#3)* · Nergis C. Khan 2021, Vineet **Pandey**, Anoopum Gupta, Krzysztof Gajos

5. Gut Instinct: Creating Scientific Theories with Online Learners · *ACM CHI 2017* · Vineet **Pandey**, Amnon Amir, Justine Debelius, Embriette Hyde, Tomasz Kosciolek, Rob Knight, Scott Klemmer

Selected Invited Talks

1 Protocol Labs, Distributed Worldwide. 2022.
2 American Society of Microbiology, San Francisco, CA, USA. 2019.
3 Showcase for American Academy of Arts and Sciences. San Diego, CA, USA. 2019.
4 Innovation Lab Workshop. Harvard Business School, MA, USA. 2018.
5 Precision Medicine Initiative, Scripps Research Translational Institute, La Jolla, CA, USA. 2018.

Selected Recognition

1 School of Engineering Exemplary Ethical Engineering. UC San Diego. 2019.
2 First Prize in Posters at Personal Health Data workshop. San Diego. 2018.
3 Honorable Mention in Innovation and Teamwork. NetApp CTO Awards. 2012.
4 Admission offered (one of 30 nationwide). Indian Statistical Institute. Kolkata. 2006.
5 National Talent Search Scholar (Top 1% of 100,000). 2004.

Mentoring, Teaching, Professional Service, and Outreach

1 **Mentoring (Postdoc)**
Thesis Advisory Committee (Ph.D.), Center for Research and Interdisciplinarity, Université de Paris, 2020-
Auxiliary Supervisor for Undergraduate Thesis, Lodz University of Technology, Poland, 2020.
Mentor, EECS Graduate Application Assistance Program (EECS GAAP), MIT, 2022.

2 **Advising (Ph.D.)**
Ph.D. (N=1) Cognitive Science; *M.S.* (N=1) Computer Science
B.S. (N=9): Computer Science, Cognitive Science. Early Research Scholars Program; Dream Fellowship
Program through Undocumented Student Services at UC San Diego; STARS (Summer Training Academy
for Research Success) program.

3 **Teaching Assistant**
Graduate: Research in Human-Computer Interaction Design (N=31)
Undergraduate: Human-Computer Interaction Design (N=30), Introduction to Design (N=42), Undergraduate Machine Learning (N=70)

4 **Program Committee (ACM conferences)**
HCI, Design, and Social Computing: CHI 2022, 2021; CSCW 2022, 2021; DIS 2021; COMPASS 2022
Creativity and Learning: C&C 2021, 2019; Learning at Scale 2019

5 **Department service**
PhD admissions committee, School of Computing, University of Utah. 2023.

6 **Mentoring and Outreach for Equity**
Speaker, Summer Summit by Student Initiated Access Programs and Services (SIAPS), UCSD. 2017.
Reviewer, Early Research Scholars Program (ERSP), UC San Diego. 2018.
Reviewer, Gandhi Scholarship Selection Committee. San Diego. 2016.
Participant, Workshop Uniting the Californias (WUC), Tijuana. 2014.