


SUKRIT VENKATAGIRI

Ph.D. Student in Computer Science, Virginia Tech

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EDUCATION

Aug. 2017 – present

Virginia Tech, Arlington, VA, USA

Ph.D. in Computer Science with a focus in HCI, 3.88 GPA

Committee: Kurt Luther (advisor), Steve Harrison, Tanushree Mitra, Chris North

Courses: Models & Theories of HCI, Usability Engineering, User Interface Design, Adv. Topics in HCI: Crowdsourcing, Quantitative Research Methods, Qualitative Research Methods, Ethics & Professionalism in Data Science, Information Security

Aug. 2013 – May 2017

PES University (Electronic City), Bangalore, India

B.E. in Computer Science, First Class

Advisor: Snehanshu Saha

RESEARCH EXPERIENCE

Aug. 2017 – present

Graduate Research Assistant, Crowd Intelligence Lab

Virginia Tech, Arlington, VA, USA

Project: Development and conducting mixed-methods evaluation of GroundTruth, an online tool that helps investigators find where a photo was taken anywhere in the world, with the help of crowd workers.

Research Methods/Techniques: crowdsourcing, survey design, semi-structured interviewing, transcribing, qualitative coding/thematic analysis, usability evaluation, think-aloud protocol, wireframing, prototyping, experiment design, statistical analysis, log analysis

Languages/Tools: HTML/CSS, JS/jQuery, Python, Django, Descript, Balsamiq, Qualtrics, Adobe Photoshop, Adobe Illustrator, Sketch, AWS MTurk API

Advisor: Kurt Luther

Aug. 2015 – Aug. 2017

Data Analysis Team Lead, SciBase Project

PES University (Electronic City), Bangalore, India

Project: Analyzing citation networks to model a scientometric indicator (SNIP)

Research Methods/Techniques: web scraping, citation network analysis, regression analysis, graph visualization

Languages/Tools: Python, R, HTML/CSS, D3.js

Advisors: B.S. Daya Sagar, Snehanshu Saha, Minita Mathew

Summer 2016

Undergraduate Research Intern, Department of Statistics

University of Georgia, Athens, GA, USA

Languages/Tools: Python, R, MATLAB

Advisor: Abhyuday Mandal

HONORS & AWARDS

2018 Graduate Student Fellow, Misinformation Solutions Forum 2018, Rita Allen Foundation

2017 Graduate Teaching Assistantship (2 years, \$95,000), Virginia Tech

2017 Graduated First Class, PES Institute of Technology

2017 Outstanding Final Year Project (top 3 out of 47), PES University (Electronic City)

2014 Runner Up (2nd/87), inGenius Hackathon, ACM India & PES University (Electronic City)

TRAVEL GRANTS

- 2018 VT Department of Computer Science Travel Grant for CSCW 2018 (\$400)
- 2018 HCI Consortium Travel Grant for HCIC Conference 2018: AI & HCI (~\$2,000)
- 2018 VT Department of Computer Science Travel Grant for CHI 2018 (\$300)
- 2018 VT Center for Human-Computer Interaction Travel Grant for CHI 2018 (\$200)

PUBLICATIONS

- Conference Proceedings [C•1] Sukrit Venkatagiri and Amy X. Zhang. **Response to “Heuristics for the Online Curator”:
Combating Misinformation by Improving Online Conversation.** *Curbing the Spread of Misinformation: Insights, Innovations, and Interpretations from the Misinformation Solutions Forum*, pp. 9–10. RTI Press. Washington, D.C., USA, 2018. (invited submission)
- Journal Articles [J•1] Gouri Ginde, Snehanshu Saha, Archana Mathur, Sukrit Venkatagiri, Sujith Vadakkepat, Anand Narasimhamurthy and B. S. Daya Sagar. **ScientoBASE: A Framework and Model for Computing Scholastic Indicators of Non-local Influence of Journals via Native Data Acquisition Algorithms.** *Scientometrics*, September 2016, Volume 108, Issue 3, pp 1479–1529 (2.147 impact factor)
- Workshop Papers [W•1] Sukrit Venkatagiri, Jacob Thebault-Spieker, Aliza Camacho, Kurt Luther. **Localness and Urbanness in Geographic Crowd Work.** *CSCW 2018 Workshop on Rural Computing: Beyond Access & Infrastructure*. Jersey City, NJ, USA. November, 2018.
- Posters [P•4] Sukrit Venkatagiri, Jacob Thebault-Spieker, Kurt Luther. **Verifying Truth from the Ground: Leveraging Human Strengths in the Image Geolocation Process.** *Human-Computer Interaction Conference (HCIC 2018)*. Watsonville, CA, USA. June, 2018.
- [P•3] Sukrit Venkatagiri, Kurt Luther. **The Absence of Racial Bias in Content Evaluation (on Amazon Mechanical Turk).** *34th Annual Graduate School Assembly Research Symposium, Virginia Tech*. Blacksburg, VA, USA. March, 2018.
- [P•2] Sukrit Venkatagiri, Kurt Luther. **The Absence of Racial Bias in Content Evaluation (on Amazon Mechanical Turk).** *Designing Socio-Technical Systems of Truth, 3rd Virginia Tech Workshop on the Future of Human-Computer Interaction*. Blacksburg, VA, USA. March, 2018.
- [P•1] Sukrit Venkatagiri, Deepika Anna, Vimal Patel. **A Graph Theoretical Analysis of Mentor-Mentee Relationships in Indian Classical Music.** *PES University (Electronic City) Final Year Project Exhibition*. Bangalore, KA, India. April, 2017.

PROFESSIONAL SERVICE

- Reviewing ACM CSCW: 2019
ACM CHI: 2019 (Outstanding Review recognition)
- Conference Volunteering Student Volunteer, ACM CSCW 2018. Jersey City, NJ, USA.
Student Volunteer, ACM CHI 2018. Montréal, QC, Canada.
- Virginia Tech Volunteer, Department of Computer Science Recruiting Weekend, 2018
Volunteer, Designing Socio-Technical Systems of Truth, Third Annual Virginia Tech Workshop on the Future of Human-Computer Interaction, 2018
Reviewer, Graduate School Travel Fund Program, 2017
- PES University (Electronic City) Treasurer, ACM Student Chapter, 2016 –2017
Organizing Committee Member, ACM Student Chapter, 2014 – 2016
Secretary, IEEE Student Branch, 2016 – 2017
Organizing Committee Member, IEEE Student Branch, 2014 – 2016
Speaker Curator, TEDxPESITBSC, 2014 – 2015
- Other Activities Graphic Designer, IEEE Bangalore Section, Bangalore, India, 2016 – 2017

TEACHING

As Graduate Teaching Assistant at Virginia Tech:

- Spring 2018 Graduate Teaching Assistant, Computer Organization I (undergraduate, 262 students)
Dept. of Computer Science, Virginia Tech (Instructor: William McQuain, John Wenskovitch)
- Fall 2017 Graduate Teaching Assistant, Computer Organization II (undergraduate, 177 students)
Dept. of Computer Science, Virginia Tech (Instructor: William McQuain, Xun 'Steve' Jian)

As Instructor at PES University (Electronic City), held informally after class:

- Fall 2016 Introduction to Python (undergraduate, 50 students)
- Spring 2015 Introduction to Processing and Arduino (undergraduate, 75 students, co-instructor:
Suryoday Basak)

ADVISING

- Undergraduate Daniel Ocheltree, B.S. Computer Science, Virginia Tech, 2019–present
- Research Advisees Puriwat Lahpong, B.S. Computer Science, Virginia Tech, 2019–present
- Levi Shipley, B.S. Computer Science, Virginia Tech, 2018
- Now: *Software Engineer, Capital One, May 2019*
- Ben Hinkle, B.S. Computer Science, Virginia Tech, 2018
- *Incoming Software Engineer, Capital One, May 2019*
- [W·1] Aliza Camacho, B.A. Computer Science & Anthropology, Wellesley College, 2018 – present
- Now: *Undergraduate Researcher, Space Enabled, MIT Media Lab, August 2018 – present*
- *NSF REU Intern, Virginia Tech, Summer 2018*
- [P·4] Anne Hoang, B.S. Computer Science, Virginia Tech, 2018
- Now: *Software Engineer, Ntrepid Corp., June 2018 – present*
- *Third Place, Faculty Choice Award, Virginia Tech Undergraduate Research in Computer Science (VTURCS) Symposium 2018*
- *First Place, Marston Award, Virginia Tech Undergraduate Research in Computer Science (VTURCS) Symposium 2018*
- Ankush Arunkumar, B.E. Computer Science, PES University (Electronic City), 2016 – 2017
- *Top 10/7531 (0.13%), Department of Defense Production 'Smart India Hackathon 2017'*
- Aditya Agarwal, B.E. Computer Science, PES University (Electronic City), 2015 – 2017
- Now: *Software Engineer at Endurance International Group, 2018 – present*