VIDUSHI OJHA

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EDUCATION

Doctor of Philosophy in Computer Science   expected May 2024
University of Illinois at Urbana-Champaign (UIUC), IL
Bachelor of Science in Joint Computer Science & Mathematics   2017
Harvey Mudd College (HMC), Claremont, CA

AWARDS & HONORS

Outstanding Teaching Assistant, UIUC   2021
Graduate Student Outstanding Ambassador Award, UIUC   2020
Chirantan J. (CJ) Desai and Hina Desai Computer Science Fellowship, UIUC   2019
Honors in Computer Science, HMC   2017

GRANTS & FUNDING

Institute for Inclusion, Diversity, Equity, and Access, UIUC (GIANT Grant, $13,000)   2020
    Decreasing Barriers for Underrepresented Groups by Clarifying Expectations in Graduate School

PUBLICATIONS

V. Ojha, C. Perdriau, B. Lagesse, and C. M. Lewis, "Computing Specializations: Perceptions of AI and Cybersecurity Among CS Students," *2023 ACM Technical Symposium on Computer Science Education (SIGCSE)*, 2023.

E. M. Hastings, **V. Ojha**, B. V. Austriaco, K. Karahalios, and B. P. Bailey, "Composing Team Compositions: An Examination of Instructors' Current Algorithmic Team Formation Practices," *2023 ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW)*, 2023.

V. Ojha, R. E. Platero, and B. B. Bullock, "Forming and fulfilling expectations: Perspectives of underrepresented computer science doctoral students," *2022 Collaborative Network for Engineering & Computing Diversity (CoNECD)*, 2022.

K. Isenegger, Y. Birhane, **V. Ojha**, C. Coxe, and C. M. Lewis, "Understanding and expanding college students' perceptions of computing's social impact," *2021 Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*, 2021.

PRE-PRINTS

V. Ojha, L. West, and C. M. Lewis, "Computing Self-Efficacy in Undergraduate Students: A Multi-Institutional and Intersectional Analysis," *in submission*.

C. Perdriau, **V. Ojha**, K. Gray, B. Lagesse and C. M. Lewis, "The Diversity-Hire Narrative in CS: Sources, Impacts, and Responses," *in submission*.

N. Q. Cowit, **V. Ojha**, and C. Fiesler, "How do Computing Students Conceptualize Cybersecurity? Survey Results and Strategies for Curricular Integration," *in submission.*

WORKSHOPS & INVITED TALKS

N. C. C. Brown, D. Weintrop, **V. Ojha**, and K. Isenegger, "Registered Reports and Preregistration: A new way to conduct research," *2023 ACM Technical Symposium on Computer Science Education (SIGCSE)*, Toronto, Canada, March 2023.

B. Blaser, C. L. Hovey, **V. Ojha**, and M. A. Pérez Quiñones, "Engaging with Identity, Inclusion, & Intersectionality: Videos that Spark Conversations," *2023 ACM Technical Symposium on Computer Science Education (SIGCSE)*, Toronto, Canada, March 2023.

C. M. Lewis, M. M. Fong, M. Fowler, K. Isenegger, **V. Ojha**, C. Perdriau, and M. Saffar Perez, "Using Physical Models of Java to Make Abstract Concepts Concrete," *2023 ACM Technical Symposium on Computer Science Education (SIGCSE)*, Toronto, Canada, March 2023.

B. A. Quinn, **V. Ojha**, and K. L. George, "Videos that Spark Conversation," National Center for Women & Information Technology, virtual workshop, December 2021.

M. M. Fong, M. Fowler, S. Poulsen, **V. Ojha**, and G. L. Herman, "Building Regional Community For Computing Education Graduate Students," *2021 Consortium for Computing Sciences in Colleges (CCSC) Midwest Conference*, workshop, Fort Wayne, IN, October 2021.

C. M. Lewis and **V. Ojha**, "Diversity, Equity, and Inclusion," University of Illinois at Urbana-Champaign, guest lecture, Urbana, IL, October 2021.

K. L. George, **V. Ojha**, M. M. Fong, M. Fowler, C. M. Lewis, and C. Perdriau, "Strategies for Building Momentum and Buy-in for BPC Efforts," *2021 Richard Tapia Celebration of Diversity in Computing Conference (TAPIA)*, Birds of a Feather virtual session, September 2021.

C. M. Lewis and **V. Ojha**, "Diversity, Equity, and Inclusion," University of Illinois at Urbana-Champaign, virtual guest lecture, April 2021.

C. M. Lewis, B. A. Quinn, **V. Ojha**, G. Achenbach, C. B. Lee, and K. McMullen, "Terms to Know and Videos to Help: Gender-identity, Sex, Sexual Orientation, Pronouns, Race, Intersectionality, Privilege, & Bias," *2021 ACM Technical Symposium on Computer Science Education (SIGCSE)*, virtual workshop, February 2021.

TEACHING EXPERIENCE

Co-Instructor, UIUC 2022
- Introduction to Inclusive Terminology Seminar (FA22)

Teaching Assistant, UIUC 2021—2022
- Introduction to Computing: Non-Tech (FA22)
- Ethical & Professional Issues (outstanding TA, SP21)

Co-Instructor, TRiO Upward Bound 2022
- Introduction to Python (SU22)

Tutor, HMC 2014—2017

- CS: Introduction to Computer Science, Principles of Computer Science, Computability & Logic, Artificial Intelligence
- Mathematics: Calculus, Probability & Statistics, Introduction to Linear Algebra, Introduction to Differential Equations, Multivariable Calculus, Differential Equations and Linear Algebra II

LEADERSHIP & SERVICE

Member, Graduate Study Committee, UIUC	2022—present
Member, CS-CARES Committee, UIUC	2021—present
Co-President, Computer Science Graduate Students' Organization, UIUC	2020—2023
Member, Grainger College of Engineering Diversity Committee, UIUC	2021—2022
Resident Assistant, HMC	2015—2017
Honor Board Representative, HMC	2014—2016

WORK EXPERIENCE

Software Engineer, Originate	2017—2019
Software Engineering Intern, Originate	2016