

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

PUBLICATIONS

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

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

Ojha, V., Platero, R. E., & Bullock, B. B. (2022). Forming and Fulfilling Expectations: Perspectives of Underrepresented Computer Science Doctoral Students. In *2022 Collaborative Network for Engineering & Computing Diversity*.

Isenegger, K., Birhane, Y., **Ojha, V.**, Cox, C., & Lewis, C. M. (2021). Understanding and Expanding College Students' Perceptions of Computing's Social Impact. In *Conference on Research in Equitable and Sustained Participation in Engineering, Computing, and Technology*.

PRE-PRINTS

Ojha, V., West, L., & Lewis, C. M. (in submission). Computing Self-Efficacy in Undergraduate Students: A Multi-Institutional and Intersectional Analysis. In *under review*.

Perdriau, C., **Ojha, V.**, Gray, K., Lagesse, B., & Lewis, C. M. (in submission). The Diversity-Hire Narrative in CS: Sources, Impacts, and Responses. In *under review*.

Cowit, N. Q., **Ojha, V.**, & Fiesler, C. (in submission). How do Computing Students Conceptualize Cybersecurity? Survey Results and Strategies for Curricular Integration. In *under review*.

WORKSHOPS & INVITED TALKS

- Brown, N. C. C., Weintrop, D., **Ojha, V.**, & Isenegger, K. (2023, March). Registered Reports and Preregistration: A New Way to Conduct Research. In *Proceedings of the 2023 ACM SIGCSE Technical Symposium on Computer Science Education*.
- Blaser, B., Hovey, C. L., **Ojha, V.**, & Pérez Quiñones, M. A. (2023, March). Engaging with Identity, Inclusion, & Intersectionality: Videos that Spark Conversations. In *Proceedings of the 2023 ACM SIGCSE Technical Symposium on Computer Science Education*.
- Lewis, C. M., Fong, M. M., Fowler, M., Isenegger, K., **Ojha, V.**, Perdriau, C., & Saffar Perez, M. (2023, March). Using Physical Models of Java to Make Abstract Concepts Concrete. In *Proceedings of the 2023 ACM SIGCSE Technical Symposium on Computer Science Education*.
- Quinn, B. A., **Ojha, V.**, & George, K. L. (2021, December). Videos that Spark Conversation [Diversity training]. *National Center for Women & Information Technology*.
- Fong, M. M., Fowler, M., Poulsen, S., **Ojha, V.**, & Herman, G. L. (2021, October). Building Regional Community For Computing Education Graduate Students. In *2021 Consortium for Computing Sciences in Colleges (CCSC) Midwest Conference*.
- Lewis, C. M., & **Ojha, V.** (2021, October). Diversity, Equity, and Inclusion [TA training]. *University of Illinois at Urbana-Champaign*.
- George, K. L., **Ojha, V.**, Fong, M. M., Fowler, M., Lewis, C. M., & Perdriau, C. (2021, September). Strategies for Building Momentum and Buy-in for BPC Efforts. In *2021 Richard Tapia Celebration of Diversity in Computing Conference (TAPIA)*.
- Lewis, C. M., & **Ojha, V.** (2021, April). Diversity, Equity, and Inclusion [TA training]. *University of Illinois at Urbana-Champaign*.
- Lewis, C. M., Quinn, B. A., **Ojha, V.**, Achenbach, G., Lee, C. B., & McMullen, K. (2021, February). Terms to Know and Videos to Help: Gender-identity, Sex, Sexual Orientation, Pronouns, Race, Intersectionality, Privilege, & Bias. In *Proceedings of the 2021 ACM SIGCSE Technical Symposium on Computer Science Education*.

TEACHING EXPERIENCE

- Co-Instructor*, UIUC 2022
- Introduction to Inclusive Terminology Seminar
- Teaching Assistant*, UIUC 2021—2022
- Introduction to Computing: Non-Tech
 - Ethical & Professional Issues (Outstanding TA)
- Co-Instructor*, TRiO Upward Bound 2022
- Introduction to Python
- Tutor*, HMC 2014—2017
- CS: Introduction to CS, Principles of CS, Computability & Logic, Artificial Intelligence
 - Mathematics: Calculus, Probability & Statistics, Linear Algebra, Differential Equations, Multivariable Calculus, Differential Equations and Linear Algebra II

LEADERSHIP & SERVICE

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

INDUSTRY EXPERIENCE

<i>Software Engineer</i> , Originate	2017—2019
<i>Software Engineering Intern</i> , Originate	2016