aarjav chauhan

ictd / hci4d researcher / artist

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aarjav.design

(402) 637-1229

EDUCATION

University of Colorado at Boulder | 2019 - present
Masters of Science in Technology, Media & Society (ICTD Track)

University of Nebraska at Omaha | 2012 - 2016
Bachelor of Science in Computer Science

CURRENT RESEARCH

The Role of Data in Advocacy within Non-profit Organizations | 2020 - present
Research with the Information Science School at CU Boulder, advised by Amy Voida.
Methodologies: Grounded theory, interviews with advocacy organizations

Minimizing Representative Bias of Race in Computer Vision | 2020 - present
Research with the Information Science School at CU Boulder, advised by Jed Brubaker.
Methodologies: Analysis through scaled vector modeling and a deep neural network

"Technology Probes to Support Reflection through Visualized Web Browsing Experiences" | 2020 - present
Research with the Philanthropic Informatics Lab at CU Boulder, advised by Amy Voida
Methodologies: Inductive coding analysis of interviews, technology probes

Research Assistant, Mindscribe | 2020 - present
Research and Design Studio work with Layne Hubbard.
Methodologies: Quantitative text analysis through LIWC, inductive coding analysis, survey study

Grant for the Web Researcher, Boulder Food Rescue | 2020 - present
Research on exploring Web Monetization Standards in Non-Profits
Methodologies: Exploratory research

PUBLICATIONS

Suzanne L. Dazo, Nicholas R. Stepanek, **Aarjav Chauhan**, and Brian Dorn. 2017. Examining Instructor Use of Learning Analytics. In Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '17). ACM 2504-2510. DOI:https://doi.org/10.114uyyyyyyyyyb5 05/3027063.3053256
Methodologies: Participatory design, focus group interviews

Kearney Newman, Ricky Marton, Janice Higuera, **Aarjav Chauhan**, Rona Sadan & Heather Underwood. 2020. Designing for Women: Radio-Based Seed Saving Education for Widowed Female Farmers in India. In Proceedings of the IEEE Global Humanitarian and Technology Conference
Methodologies: Literature review study, interviews with agriculture non-profit organizations

TEACHING AND WORKSHIOPS

Data Visualizations through D3.js | INFO 6301

Computation for Research in Information Science Workshop | 2020

Facial Recognition through OpenCV | INFO 6301

Computation for Research in Information Science Workshop | 2020

Technology Instructor | Techademy

University of Nebraska at Omaha Workshop | 2015 - 2016

Course Instructor | iSTEM After School Program,

University of Nebraska at Omaha Semester long workshop | 2015 - 2016

ACADEMIC EXPERIENCE

Learning Technology Consultant

Office of Information Technology at the University of Colorado at Boulder | July 2019 - November 2020

Assisted instructors with using campus-supported teaching and learning technologies.

https://oit.colorado.edu/services/consulting-professional-services/learning-technology-consultants

Web Developer & HCI Undergraduate Researcher for TrACE

Computational Environments for Learning LAB | October 2015 - May 2016

Worked with Dr. Brian Dorn on a collaborative educational video environment that explores the use of educational videos on students and provides analytics to professors to help them understand student behaviors.

• Participatory design research on analytics

• Added time zone optimization for courses in different parts of U.S.A

• Development tools: PHP, jQuery, HTML5, MySQL

trace.cel-lab.org

INDUSTRY EXPERIENCE

Scrum Master

American Title Inc., Xome | June 2016 - May 2019

Analyzing existing technology processes and managing implementations of the solution, designing and documenting existing workflows, making recommendations, gathering requirements, developing project documentation and communicating the customer needs to the development team. Applying and following agile methodologies within the development team to successfully deliver a product.

Web Developer

The ATTIC, University of Nebraska at Omaha, Information Science & Technology | May 2013 - October 2015

attic.ist.unomaha.edu

LEADERSHIP & OTHER PROJECTS

• College of IS&T iSTEM After School Program Instructor at the University of Nebraska at Omaha | October 2015 – May 2016

Taught middle school students at Kings Science/Tech School and Lewis & Clark Middle School with Scratch programming.

• College of IS&T TechAdemy Program at the University of Nebraska at Omaha | May 2015 – June 2016

Taught elementary and middle school children web development and WordPress development. Helped them understand the basics of creating and launching a website.

• Co-Founder of game development club at University of Nebraska at Omaha: &LostEncoding

• CodeCrush (https://codecrush.unomaha.edu/)

• Techademy (https://techademy.unomaha.edu/)

• VoteKidsNebraska (http://votekidsnebraska.com/)