Casey Hunt

Portfolio : https://caseyhunt.github.io
Creative Technologies and Design, PhD Student
THING Lab, ATLAS Institute, University of Colorado Boulder

Education

Aug 2021 - Present	**University of Colorado Boulder, ATLAS Institute** PhD Student, Creative Technologies and Design
Aug 2019 - May 2021	**University of Colorado Boulder, ATLAS Institute** M.Sc., Creative Technologies and Design
Aug 2011 - May 2015	**University of Utah** B.Sc., Biological Chemistry

Research

Together Apart

THING Lab - ATLAS Institute | University of Washington - Information School | Pratt Institute - School of Design

Research Assistant May 2021- Present

Co-Designing Sensory Extensions for Inclusive Educational Simulations

Craft Technology Lab - ATLAS Institute | PhET Interactive Simulations - CU Boulder
NSF Research on Emerging Technologies for Teaching and Learning (RETTL)

Research Assistant May - Aug 2022

Web Monetization Opportunities within Open-Source Non-Profits

Boulder Food Rescue
Grant for the Web

Research Assistant Jan - May 2021

University of Colorado Boulder, ATLAS Institute

THING Lab, Advised by Daniel Leithinger

PhD Student Researcher Aug 2021 - Present

Master's Student Researcher Jan 2020 - May 2021

Publications

Designing Together, Miles Apart: A Longitudinal Tabletop Telepresence Adventure in Online Co-Design with Children.

Casey Lee Hunt, Kaiwen Sun, Zahra Dhuliawala, Fumi Tsukiyama, Iva Matkovic, Zachary Schwemler, Anastasia Wolf, Zihao Zhang, Dr Allison Druin, Amanda Huynh, Daniel Leithinger, Jason Yip. (IDC '23)

TactorBots: A Haptic Design Toolkit for Out-of-lab Exploration of Emotional Robotic Touch.

Ran Zhou, Zachary Schwemler, Akshay Baweja, Harpreet Saree, Casey Lee Hunt, Daniel Leithinger. 2023. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23). Association for Computing Machinery, New York, NY, USA.

Investigating Sensory Extensions as Input for Interactive Simulations.

Chris Hill[1], Casey Lee Hunt[1], Sammie Crowder, Brett Fiedler, Emily B. Moore, and Ann Eisenberg. 2023. In Proceedings of the Seventeenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '23). Association for Computing Machinery, New York, NY, USA, Article 39, 1–7. https://doi.org/10.1145/3569009.3573108

Teaching

University of Colorado Boulder, ATLAS Institute

Associate Lecturer

Web - ATLS 2200 Aug 2021 - Dec 2021

Online lecture course introducing the basics of the design, development, and administration of websites. Topics covered include HTML, CSS, Vanilla JS, Web Hosting, and Figma

Process - ATLS 2002 Jan 2020 - May 2020

An introduction to design theory, Adobe Creative Cloud, and the graphic design process.

[1] Co-First Authors

CU Science Discovery

Instructor

Digital Art and Media Summer 2021

Web based digital art techniques for high school students.

Girls Who Code Wearables Summer 2021

Crafting wearable technology using Micro:Bit. Follows the PBS Girls Who Code curriculum for 7-12 year old girls and non-binary students.

Engineering in the Maker Age Summer 2021 (In Person)
Summer 2020 (Virtual)

Engineering camp for high school students introducing mechanics, 3D-Printing, and electrical engineering concepts through project-based learning.

Minecraft Adventures Summer 2021 (In Person)
Summer 2020 (Virtual)

Introduction to coding concepts using drag and drop Minecraft mod building for late elementary/early middle school students.

Hackaday.io

Instructor

Art + Code Aug - Oct 2020

P5.js procedural art course that also includes the basics of color theory and digital composition.

Industry

Apsis Healthcare

UX Developer Feb 2018 - Mar 2020

Created wireframes and conducted UX research to build an on-screen control interface for custom biotech manufacturing hardware.

Zavvie

UX Designer Aug 2019 - Jan 2020

Collaborated with the web development team and CMO to create user-friendly products for real estate enterprise clients.

NextCure

Quality System Associate Aug 2017- Jul 2019

Managed maintenance, testing, and expansion of company Manufacturing Execution System (MES). Researched and proposed new features of the system to the manufacturing and technology team. Supported FDA compliance through periodic data reports and quality assessments.

Service

CU Science Discovery

Research Mentor Summer 2022

Mentored two high school students in an immersive STEM research experience.

Kith Colorado

Tech & Marketing Director Oct 2015 - Dec 2020

Managed organizational identity including social media, web presence, and promotion.

Awards

2021 **Honorable Mention World Haptics Conference Student Innovation Challenge**

2020 **T9 Hacks Best Educational Software**