Casey Hunt

Creative Technologies and Design Master's Student
University of Colorado Boulder, ATLAS Institute
casey.hunt@colorado.edu
casey-l-hunt.medium.com

Casey Hunt is a multidisciplinary and collaborative researcher interested in the intersection of critical design, ubiquitous sensing, and civic technology. She prides herself on her diverse skill set and believes that diversity (in teams and in knowledge) is invaluable. From nationally recognized leadership development training, to design theory, to the scientific method, to full-stack development, Casey is constantly pushing the boundaries of cross-domain exploration. It is this broad-but-focused view that positions her to undertake innovative projects like her work on an award winning browser extension to encourage good digital hygiene in children and her ongoing research on soft-thermocouples.

Education

2019 - 2021 (Expected)	**University of Colorado Boulder, ATLAS Institute**
	M.S., Creative Technologies and Design
2011 - 2015	**University of Utah**
	B.S., Biological Chemistry

Research Experience

Jun 2020 - Present	**University of Colorado Boulder, ATLAS Institute**
	THING Lab
	Associated Researcher

Teaching Experience

| May 2020 - Present | **CU Science Discovery** |
| | Instructor/Curriculum Development |

Course: Digital Art and Media - Web based digital art techniques for at-risk high school students

Course: Engineering in the Maker Age - Design theory and making techniques for high school students

Course: Minecraft Adventures - Drag and drop mod development for late elementary/early middle school students.

Aug 2020 - Oct 2020	**Hackaday.io** Instructor Course: Art + Code - P5.js course reviewing the basics of art theory and composition through the lens of procedurally generated art.
Jan 2020 - May 2020	**University of Colorado Boulder, ATLAS Institute** Associate Lecturer Course: Process - An introduction to design theory, Adobe Creative Cloud, and the graphic design process for non-majors

Professional Experience

2019 - Present	**Apsis Healthcare** Lead Principal User Experience Designer and Developer Building wireframes and conducting UX research for biotech manufacturing software solutions. Works in close collaboration with the development team to create user interfaces that support back-end plans and challenges while using user interviews to fit the software to enterprise client specifications.
2019 - 2020	**Zavvie** User Experience Designer Primary designer collaborating with the web development team to create new user-friendly products for real estate enterprise clients. Worked directly with the CEO, CTO, and CMO to develop new brand identity and marketing materials.
2017 - 2019	**NextCure** System Administrator and Quality System Associate Managed Manufacturing Execution System (MES) maintenance, testing, and expansion for a team of 20 pharmaceutical scientists, engineers, and immunologists. Observed manufacturing personnel to ensure FDA compliance,

and created institutional procedures to support accurate and safe manufacturing of pharmaceutical products.

2015 - 2017	**Consolidated Electrical Distributors**
	Credit Analyst and Database Administrator
	Assisted in the development, adoption, and implementation of a custom built, company-wide customer database. Maintained the local chapter of the customer database, and reported outages and bugs to the national development team. At the same time, building and maintaining customer relationships with contractors across the region to ensure they delivered accurate and timely payment, without alienating them or their business.
2015	**Capstone Laboratories**
	Quality Control Chemist
	Testing incoming raw materials and outgoing finished products to ensure FDA compliance. Primarily focused on FTIR and wet chemistry techniques. Some HPLC experience. Managed a large portion of the lab's experimental data and created user-flows in the Access database for any incoming testing equipment.

Leadership Experience

Aug 2020 - Present	**CU Boulder ATLAS Institute**
	Graduate Program Assistant
	Communicating professional and institutional opportunities to the graduate students of the ATLAS Institute. This role requires building and sustaining a wide array of relationships across the university community, and leveraging those connections for the success of fellow graduate students. Conducts research on internal departmental communication strategies to maximize information dispersal while minimizing student overwhelm during the COVID-19 pandemic.
2015 - 2020	**Kith Colorado**
	Board of Directors
	President of the Board 2017 to 2019
	Managed social media, created and managed web presence, and assisted with the development and promotion of public programs.As president, lead a diverse and skilled team of public health experts, assisted in graduate student mentorship, and consulted on community ethnographic research.

Jun 2020 - Present	**ATLAS Social Committee**
	Founding Member

Founding Member
While there are already many opportunities for connection in the CU ATLAS Institute, the social committee was formed as a grassroots effort to create social connection among graduate students. The committee is focused on creating programs that foster the development of friendships among students who are physically separated. Our programs have included collaborative art nights and online gameplay and have high engagement among both first year and returning students.

Research

Ongoing

Exploring Web Monetization for Nonprofit Organizations using Interledger Protocol
Mozilla Foundation Grant for the Web
Main Objectives: Explore novel ways for distributed funding models with a specific focus on data collection practices.
In Collaboration With: Aarjav Chauhan and Boulder Food Rescue

Race Bias in Landmark Based Face Recognition
Main Objectives: Expand existing research into the ways that racial bias enters facial recognition algorithms.
In Collaboration with: Jed Brubaker, Morgan Scheuerman, Katy Weathington, Aarjav Chauhan, Emma Petersen, Liza Tolkin, Frank Stinar, Ketan Ramesh

Soft Thermocouple: Maximizing Accuracy of a Wearable Temperature Sensor
Main Objectives: Create a novel way to sense the state of a user with an accurate, wearable temperature sensor.

Past

Dancing Alone: Forging Community Bonds with Dance
Future Bound Speaker Series 2019
Main Objectives: Investigate the history of dance in community building and propose solutions that community leaders can implement in their own practices.
In Collaboration With: Meeshi Anjali, GroovaRoo Dance

Awards

2020	T9 Hacks Best Educational Software
2020	ATLAS Mask Design Challenge 1st Place Winner
2015	Employee of the Month University of Utah Housing
2014	NRHH Of-The Month Campus Winner - Passive Program
2014	NRHH Of-The Month Nominee - Residential Community
2014	NRHH Of-The Month Nominee - Resident Advisor
2014	NRHH Of-The Month Campus Winner - Passive Program

Certifications

2019	Leading Change Institute: Asheville Training
2015	American Chemical Society Certified

Technical Skills

Visual Basic, SQL, Python, JavaScript, P5.JS, Node.JS, Socket.io, HTML, CSS, C++, C#, Arduino, Unity, Figma, Adobe Photoshop, Adobe Premiere Pro, Adobe Illustrator, Adobe InDesign, Procreate