

# Jonathan Haber

Email: [jon@jonathanhaber.com](mailto:jon@jonathanhaber.com)  
LinkedIn: [www.linkedin.com/in/haberjonathan](http://www.linkedin.com/in/haberjonathan)  
[www.jonathanhaber.com](http://www.jonathanhaber.com) - Calgary, Alberta - 403 969 6349

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- 10 years industry/academic experience in UX, HCI, usability design principles, and heuristic review.
- 8 years industry/academic experience in information visualization design and evaluation.
- Expertise with in-person and online user research, usability testing, interviewing, and usability analysis.
- Strong presentation skills and experienced with presenting and teaching to a wide variety of audiences.
- Extensive group leadership experience with both large teams (180+ persons) and small teams.
- Active team player with user centered design experience, individual and team UX consulting experience, and software development experience.
- Teaching experience with professionals and students (1-on-1 to 100+ person environments).
- Strong qualitative and quantitative research background: experienced in designing, undertaking, analyzing, and presenting research, independently and as a team, in industry and academic settings.
- Strong publication record in ACM, IEEE, and UXPA peer reviewed conferences/journals.
- Experienced with JAVA, PYTHON, C, C#, MYSQL, Processing, P5, and MYSQL languages.
- Strong knowledge of HTML and CSS programming and website design, creation, and maintenance.

## EDUCATION

- PhD in Computer Science – HCI / Information Visualization – University of Calgary 2016
- Master of Science in Computer and Information Science – HCI – University of Guelph 2010
- Honours Bachelor of Computing with an area of application in English – University of Guelph 2007

## WORK AND SERVICE

**UX Researcher II** – Amazon – Special Projects 2017-Present

- Under strict NDA.

**UX Researcher** – Robots and Pencils 2016-2017

- Working with a team of artists and programmers I directed the design of software and usability improvements for a wide variety of software projects (desktop/mobile/web).
- Conducted usability research and testing across a variety of software (educational, gaming, travel, telecommunication, banking, oil and gas, etc.)
- Use of UX prototyping and testing tools: Sketch, Adobe XD, Flinto, InVision, Axure, Omnigraffle.
- Training clients and team members in the UX process and levelling up corporate UX maturity in outside organizations.
- Traveling to present UX research and design presentations to a variety of clients and conferences.

**UX Designer** – H & R Block Canada 2015 – 2016

- Working in an agile team to facilitate UX prototyping, testing, and designing of DIY Income Tax Software (Web and Desktop).
- Use of UX prototyping and testing tools: Axure, myBalsamiq, UserTesting.com.

**Visualization Team Lead** – U of C Agile Surface Engineering Research Group 2015

- Coordinated team of developers to build visualizations of large data set of oil and gas information.
- Coordinated exploration of novel interaction techniques using large displays (30 million+ pixels).

**Student Volunteer Chair** – CHI Conference 2014 – 2015

- Successfully organized and led team of 180+ volunteers that help to assist / facilitate the premier conference in the field of Human Computer Interaction (approx. 3000 attendees) for two consecutive years.
- Interfaced and coordinated with conference and technical program committees over the course of three years. This position required yearly international travel.

**Graduate Teaching Assistant** – University of Calgary Computer Science 2010 – 2015

- CPSC 481 \* Introduction to Human Computer Interaction – 2011, 2013, 2014 (3 times in total)
  - Fundamental theory and practice of the design, implementation, and evaluation of human computer interfaces and UX
  - Principles of design and usability evaluation
  - Methods for evaluating interfaces with or without user involvement
  - Techniques for prototyping and implementing graphical user interfaces
  - Usability Studies and Heuristic Review
- CPSC 217/231 \* Introduction to Computer Science – 2010, 2011, 2015 (3 times in total)
  - Introduction to problem solving, analysis and design of small-scale computational systems and implementation using a procedural programming language

**Technician** – Integrated Arts Media Lab – University of Calgary 2015

- Assisted with management and operation of two Apple computer labs for the University of Calgary Arts and Media department.
- Performed large scale and art grade printing services.

**Frontline Support Representative** – Computing & Communication Services 2003 – 2009

- Provided frontline computer support to a variety of business units at the University of Guelph (approx. 300 clients).

**Graduate Teaching Assistant** – University of Guelph Computer Science 2007 – 2008

**Usability Consultant** – Research in Motion 2006

- Worked alongside team of usability researchers to evaluate GPS mapping software solution developed by Research in Motion and existing market competitors.

**Network Coordinator** – Research in Motion – Data Networks 2005

- Coordinated the receiving, cataloguing, and/or assembly of Cisco server equipment.

## ACHIEVEMENTS

- Full Talk and Poster – User Experience Professionals Association (UXPA) Conference 2017
- Invited Judge – Cisco DevNet Calgary Automation Coding Bootcamp 2017
- Invited Speaker – Denver Startup Week – Designing the Bot to Human Interface 2016
- Best HCI Poster Winner – Graphics Interface Conference, Victoria, BC, Canada 2016
- NSERC Industrial PhD Research Scholarship 2012 – 2015
- Eleven Accepted Industry/Academic Contributions to Peer Reviewed Conferences/Journals
  - More information at: [www.jonathanhaber.com/research](http://www.jonathanhaber.com/research)
- Departmental Research Award – Computer Science Department U of Calgary 2013
- Invited Speaker – University of St. Andrews and University of Glasgow 2011
- Visiting Scholar – University of St. Andrews, Scotland, UK 2011
- University of Guelph Student Volunteer of the Year Award 2008
- Ontario Graduate Scholarships in Science and Technology 2008
- University of Guelph Graduate Scholarship 2007