

Hello,

I'm **Bob Beaton**.

I have **5 years of UX experience**.

NYC • 540.818.6310 • bob.beaton@gmail.com

User experience research • User-centered design • Data visualization • Teaching and mentoring

Experience

MAY 2016 - AUG 2016

User Experience Researcher Intern - **Bloomberg, New York, NY**

UX researcher intern leading qualitative research in collaborative tools for the workplace

- **Led user research** for the project. This included: designing, planning and conducting **user interviews, observations, competitive analysis** and **analysis** of results.
- **Developed framework** of enterprise collaboration practices, which provided a foundation for the design team.
- Worked with the team to **define product vision**, identify **design goals** and **metrics** for measuring success. Successfully **won buy-in from business** to undertake project proposal.

AUG 2014 - DEC 2014

Usability Design Manager for Introduction to HCI Course - **Virginia Tech, Blacksburg, VA**

Manager of 16 design teams providing user experience design strategy guidance and feedback

- Oversaw **contextual inquiry** process where design teams developed user needs models for a personal attention tracking technology
- Facilitated identification of user-centered system requirements through **affinity diagramming** and **concept modeling**
- Oversaw high fidelity **prototype** development and evaluation via **heuristic evaluations** and **cognitive walkthroughs**

AUG 2011 - AUG 2012

Accessibility Engineer and Interaction Designer - **Virginia Tech, Blacksburg, VA**

Lead interaction designer and developer improving accessibility of university resources

- Conducted **surveys** and **interviews** to understand landscape of and experiences with accessibility tools among students and faculty
- Identified top issues with current accessibility tools through **usability evaluations** using WCAG/ARIA/508 access standards
- Created new standard for web accessibility, ACCESSVT, that improves upon existing standards by **interviewing** developers to understand problems with WCAG/ARIA/508

Education

2012 - Deferred

PhD - **Virginia Tech, Blacksburg, VA**

Computer Science, specializing in Human-Computer Interaction

Dissertation: Designing mobile systems to track and visualize personal attention data

2007 - 2012

MS - Virginia Tech, Blacksburg, VA

Computer Science, specializing in Human-Computer Interaction

Master's Thesis: On Digital Drumming: Collaborative, Dyadic, Co-Located Coordinated Interaction

2003 -2007

BS - Radford University, Radford, VA

Computer Science, minoring in Mathematics

Languages

Javascript • CSS • HTML • Perl • Python • Java • C • ADA • Lisp • Prolog • Applescript

Awards

Mobile Biometrics Visualization Research-Nokia University Grant, 2014

3 awards recognizing excellence in teaching Computer Science at Virginia Tech, 2014-2015

Affiliations

Human Factors and Ergonomics Society [HFES], 2010-present

Association for Computing Machinery [ACM], 2007-present

Upsilon Pi Epsilon Computer Science Honors Society [UPE], 2004-present