



Joseph Bernstein

User Experience Designer
CAD Expert
Design Thinker
Mechanical Engineer

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Relevant Qualifications

- › Built a website from scratch using common modern HTML, CSS, and jQuery patterns; optimized website for responsiveness.
- › Wireframed numerous web and mobile platform interfaces using Axure, Adobe XD, Illustrator, and InVision, frequently experimenting with dynamic interactions.
- › Independently conducted a series of usability tests for Amazon Web Services' Machine Learning tutorial suite; presented the results to Amazon UX Research management.
- › Created pixel-perfect, brand-driven graphic designs for lecture series.

UX Projects

Expedia Capstone Project (ongoing)

Role: Project Manager, Interaction Designer

- › Leading integration of research and design teams to investigate a niche market and develop a high-fidelity prototype of a travel-planning platform.

Assist, small task assistant for the visually-impaired

Role: Project Manager, Paper Prototyper

- › Conducted extensive contextual inquiry research to investigate ambulatory difficulties of the visually-impaired population.
- › Prototyped scalable app interface to serve a variety of disabled communities and generate micro-volunteerism.
- › Organized meetings, maintained project records, and ensured quality work on time and with high grades.

Education

University of Washington

Mar. 2017

M.S. Human Centered Design & Engineering

GPA: 3.93

Rensselaer Polytechnic Institute

Dec. 2014

B.S. Mechanical Engineering and Design, Innovation and Society (dual)

Employment History

University of Washington, Seattle, WA

Jan. 2016 - Present

Graduate Teaching Assistant, Advanced Technical Writing

- › Engaging students using design thinking techniques.
- › Teaching important UX writing techniques, like plain talk and strategic language.
- › Consistently improving course evaluations each quarter (4.1/5)
- › Maintaining fair assessment techniques and grade book for hundreds of students.

Electroimpact, Mukilteo, WA

Mar. 2015 - Sept. 2015

Mechanical Engineer

- › Collaborated with a team of electrical and mechanical engineers to design and construct high voltage machinery for the aircraft industry.
- › Modeled, created, and adapted 1000-part 3D model assemblies in Solidworks and organized them with Keytech PLM software; utilized these to construct an electromagnetic dent remover (EDR) to be sold to airlines.
- › Negotiated with vendors to receive price quotes and create purchase orders.

Skills

› Prototyping

- › Axure
- › Adobe XD
- › Sketch

› Print Design Software

- › Adobe Creative Suite
- › Microsoft Office

› 3D/CAD

- › SolidWorks
- › Autodesk Inventor
- › NX

› Programming

- › HTML/CSS
- › Javascript
- › C
- › MATLAB

› Material Design

› Usability Testing

› Project Leadership

Community

› HCDE Grad Student Association

- › Community Relations Officer

› UXPA Seattle

- › Member/Volunteer

› Emerald City Softball Association