

# Chris Mueller

User Experience Designer

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## Work

### Redshift Digital

UX Designer  
Nov 2017 - Present

- Lead interdisciplinary teams for various clients, owning the overall design.
- Create detailed wireframes and partner with visual designers to establish look and feel.
- Work with researchers to define research goals and protocols.
- Develop comprehensive click-through and animated prototypes.
- Present work to clients regularly, facilitating discussion and feedback.

### NASA (via SJSURF)

Senior UX Designer  
Sept 2013 - Nov 2017

- Led design through all phases of project lifecycle.
- Planned, executed, and synthesized research and testing activities.
- Created wireframes, storyboards, and interactive prototypes to rapidly test iterations and communicate design direction.
- Partnered with developers to discuss implementation details.
- Managed a variety of projects, defining goals with stakeholders and ensuring team success.

### DIRECTV

Software Engineer  
June 2010 - Aug 2012

- Led a small development team working on internal operations software.
- Developed custom Java applications ranging from signal visualization to maintaining data integrity.
- Led user research and requirement generation activities.
- Created requirement documents and design specifications for new projects.
- Maintained project schedule and feature priority for all software releases.

## Education

### Carnegie Mellon University

MS in Human-Computer Interaction  
August 2013

- Technical lead of team working with NASA Ames Research Center on maximizing ISS crew efficiency via a head-mounted display.
- Created a gesture-based music sequencer for public installation.
- Developed a set of interactive displays showcasing events, projects, and people on campus.

### Loyola Marymount University

BS in Computer Science  
May 2010

Program Scholar - Computer Science (highest graduating GPA)  
Eugenie B. Hannon Science and Engineering Scholarship

- Developed experimental application for navigating obstacle courses using only a webcam and flashlight.
- Extended Firefox core to allow direct I/O with native JavaScript (no plugins).
- Created location-aware, mobile application for claiming real-world territory with other users.

## Tools and such

### Currently using

Sketch, InVision, Flinto, HTML/CSS/JS, Git, SVN

### Used in the past

Adobe AfterEffects, Illustrator, InDesign

Java, C, C++, Processing, openFrameworks, Arduino, Android SDK, SQL