

# Aaron Zomback

Hello, I'm Aaron. I'm a self-taught filmmaker, software developer and UX designer. I'm a highly motivated individual who can learn things quickly and I enjoy collaborating in a team environment. My goal is to apply my creative skills towards transforming educational experiences (especially science education) through storytelling and VR.

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## PROFESSIONAL EXPERIENCE

### Freelance Software Developer and UX Designer Chazay d'Azergues, FR

March 2020 - present

I've been hired to work for a variety of successful clients, from designing a food takeout app for a start-up, a boutique t-shirt company, to redesigning a restaurant point-of-sale system. My complete portfolio can be found at [www.zomback.design](http://www.zomback.design). I am also an active member of the Interaction-Design Foundation.

### Sr. Research Associate Scientist, Calder Biosciences Brooklyn, NY

November 2014 - October 2019

Designed and conducted experiments targeting vaccine candidates for HIV, RSV (Respiratory Syncytial Virus) & Influenza.

## EDUCATION

### SuperHi, *online courses*

December 2019 - May 2020

Visual Design & Branding,  
Intro to User Experience,  
Foundations HTML/CSS/JavaScript,  
Command Line for Creatives,  
Ruby-on-Rails

### University of Washington, Seattle, WA – *Biochemistry B.S.*

September 2009 - June 2014

Distinction: awarded Mary Gates Research Scholarship for host-virus research work in Dr. Harmit Malik's lab.

## SKILLS

**CODING** Ruby on Rails/Command Line/CSS/JS/HTML/Git & GitHub foundational coding knowledge and applications.

**UX/UI DESIGN** Building interactive mobile/web prototypes in Figma. Other deliverables include: user-flows, empathy mapping, user research, SWOT competitive analysis, site maps, google analytics, et al. It's all about the process, knowing which tools to use, and how the story is told.

**VIDEO** motion effects and graphics editing using Adobe After Effects. Expert with Adobe Premiere Cs6+

**COMMUNICATION** strong experience in working with clients to achieve their business goals. I have strong experience presenting scientific data, collaborating with other researchers and colleagues, & planning strategies to achieve business objectives.

**SOFTWARE APPLICATIONS**  
strong knowledge in a suite of

## PUBLICATIONS

### Prefusion RSV F Immunization Elicits Th2-Mediated Lung Pathology in Mice

<sup>4</sup>Aaron Zomback, et al, Frontiers Immunology, 29 July 2020

<https://www.frontiersin.org/articles/10.3389/fimmu.2020.01673/full>

## PROJECTS

### TimeSink™ – *A web app for an online cinema platform*

Designing and developing an online platform for filmmakers to present their work and receive user reviews. I am writing the application using Ruby on Rails.

## FILMS

### Sovereign Blue– 2018, *short film*

My second short film that I created while I was living and working in Brooklyn, NY - I wrote, produced, and directed this short, featuring Rodney Ferrer as the maniacal CEO of a multi-media company. A review of the film can be found [here](#) at UK Film Review.

### Expanded Metal – 2016, *short film*

My first short film that I created. It later went on to screen at the 2017 Philip K. Dick Science Fiction film festival in New York City.

tools: Figma, Framer, Command Line, Git & GitHub, GraphPad Prism 6, SeqBuilder, Excel, Word, Powerpoint, Figma, Photoshop, Premiere Pro.

LABORATORY experimental design and execution, safety protocols, mastery of tools such as pipettes, filters, TFF & column purifications, measurements, inventory, note-taking, and analysis.

## AWARDS

Mary Gates Research  
Scholarship Viral & Host Protein  
Interaction Research

## LANGUAGES

English (native), French (learning), Spanish (proficiency)