

DANIEL SILBER-BAKER

Contact

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Education

New York University (NYU) New York, NY

MPS, Interactive Design and Development (Interactive Telecommunications Program)

UC Santa Cruz (UCSC) Santa Cruz, CA

BA, American Studies

Designer & Developer

Full Stack Interactive Web Experiences

Impassioned designer and developer experienced in building content-rich interactive web experiences that communicate complex ideas. Adept at transforming a myriad of information including words, pictures and data, into compelling, easy to follow interactive experiences that capture attention and engage audiences.

Possesses a unique skill set based on an earlier career creating live digital and educational programs and tools before discovering the transformative value of communicating through technology and earning a master's degree in interactive design and development from NYU.

- Quickly becomes productive with new technologies
- Develops creative, efficient, integrated solutions
- Never loses sight of the end goal and delivers quality work on time
- A natural at working in a team environment

Front-End Technical Skills

HTML | CSS | Bootstrap | JQuery | JavaScript Animation Libraries | Canvas including p5.js | 3D Environments & WebGL

Full Stack Technical Skills

JavaScript | Python | Node.js | Ajax | API's | Data Visualizations | React Native | Vue.js | Firebase | MongoDB | AWS | Test-Driven Development (TDD)

Technical Experience

Freelance | Designer and Developer | Los Angeles, CA

Jul 2018—Present

Provide interactive design and development services to corporations and foundations. Sample projects include:

- **Udacity:** Creating Front-end JavaScript Curriculum for Udacity's core Nano-Degree product. Content area of focus include: Web APIs and Asynchronous Web Applications.
- **Atom Tickets:** Built company's first scalable movie news mobile first website using WordPress CMS.
- **Anthony and Jeanne Pritzker Family Foundation:** Designed Digital Life Skills course to be taught at UCLA. Developed content and built digital presentation platform using Canvas LMS and G Suite.

Codecademy | Curriculum Developer | New York, NY

Jul 2017—May 2018

Designed and developed digital coding curriculum for an interactive learning environment.

- Worked in collaborative sprints with designers and engineers, using industry tools including GitHub, CircleCI, and Jira, to develop featured educational products for the company's 45M users.
- Designed, developed, tested, and iterated the content and functionality of featured products on domains including TDD with JavaScript, and Data Visualization with Python.

Vidcode | Lead JavaScript Curriculum Designer | New York, NY

Jul 2016—Jul 2017

Designed and developed interactive computer software curriculum for youth, grades 4-12.

- Conceptualized, designed, and developed standards-aligned computer programming curriculum pathways for grades 4-12. Content included interactive lessons and instructions for a specialized web platform. Classes included Computer Science Fundamentals, Creative Coding, and Digital Design.
- Edited and developed the Vidcode "Hour of Code" tutorial that had over 200K visits during National Computer Science Week.

Education & Arts Experience

UC Santa Barbara | Adjunct Professor & Artist in Residence | Goleta, CA Apr 2014—Dec 2015
Awarded teaching and writing poetry residency by the English department, Residency based upon prominent written and performance poetry experience that demonstrated the unique ability to use poetry as a transformative force for social good.

- Conceptualized class content, created lesson plans, taught class, advised students (graduate and undergraduate), and graded assignments for “The Poetics Of Struggle” class, an interactive exploration of how language is used as an intervention in reality.
- Joined leading academics from across the country in a group devoted to producing cutting-edge work on language and race in America. Original poetry included in the forthcoming book: “ Why the Way We Talk About Racial Justice Matters”, winter 2019.

Lutheran Hospital, Project Reach Youth | Brooklyn, NY Sep 2007—Mar 2014

Director of Adolescent Health Education 2012—2014
Program Director 2009—2012
Program Coordinator 2017—2009
Program Leader 2007

Hired to run an after-school arts-based public health program and quickly promoted to take on additional programs. Earned three promotions during tenure to Director of Adolescent Health Education, directing in-school and after-school health programs across six Brooklyn sites. Managed staff of up to 18.

- Designed, staffed, and led the development and execution of all organizational programming for over 2K youth per year. Grew programming and services offerings as well as community participation by 3x over 7 years.
- Conceptualized and led the development of the hospital’s first digital media outreach program. Worked with hospital staff, community stakeholders, and technical specialists to envision, and execute the launch of a new website, social media campaign, and an in-person youth program focused on digital media outreach.
- Led the creation of a teen health clinic that provides sexual health counseling and services to 300+ young people a year in Park Slope, Brooklyn.

Awards

Butterfly Award

Outstanding work in HIV/AIDS Prevention NYC Living Beyond Belief Foundation

Best Poet in the Nation

National Poetry SLAM Championships

College Unions Poetry Slam Invitational (CUPSI)