

Charles Kantz

Fullstack Engineer, Visual Designer

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Work Experience

Livestack – San Francisco, CA

Fullstack Engineer | May 2020 – June 2020

- » Livestack provides creators and influencers a platform for hosting paid live streaming events
- » Revamped **React-based MVP** by implementing new user workflows and refining key touchpoints
- » Revamped form for requesting an event by implementing **conditional validation** on the front-end and enforcing schema requirements on the back-end
- » Developed **custom date picking component** to give users more flexibility when selecting dates
- » Refined key touchpoints by designing and implementing **updated visual styling and responsive layouts** for components, giving the end-to-end experience a more polished and professional look

Nuro – Mountain View, CA

Visual Designer | August 2016 – June 2019

- » Oversaw and executed design efforts across the company including branding, web, hardware/software UX design, photography, video, and mobile/VR prototyping
- » Planned and developed **virtual reality prototype** of first product with **Unity** and **C#**, designed the full end-to-end delivery experience to facilitate investment and partner discussions
- » Designed **touchpad interaction** on vehicle for users to quickly identify themselves and retrieve their items
- » Regularly partnered with software engineers to implement **user-friendly interfaces** for proprietary displays, internal tools, and prototype apps to facilitate partner discussions and company operations

Clearpath Robotics – Sunnyvale, CA / Toronto, ON (Canada)

Art Director | December 2015 – July 2016

- » Initiated and developed **new branding identity** for new division OTTO Motors and revamped logo for Clearpath Robotics, oversaw company transition to new branding
- » Directed the design and execution of the **new OTTO Motors website** for division launch
- » Explored and authored design guidelines for a new **dashboard user-interface design**

Intuitive Surgical – Sunnyvale, CA

Senior Visual Designer | February 2015 – December 2015

Visual Designer | February 2014 – February 2015

- » Designed and tested new visual status indicators for da Vinci Sp Surgical System, oversaw implementation into final product
- » Initiated and designed a new **interactive reference guide**, reducing setup time and errors during surgery
- » Executed **UI visual design updates** for da Vinci Xi Surgical System
- » Explored and composed **product brand guidelines** for da Vinci Xi Surgical System, and produced collateral for product launch
- » Introduced **user manual design**, identified opportunities to improve usability and readability, executed redesign, and integrated new design within Technical Publication's workflow

Clubcard – San Francisco, CA

Production Manager | April 2012 – February 2014

Production Assistant | April 2012 – May 2013

- » Supervised day-to-day design and print operations of the company
- » Consulted and designed high-quality custom promotional material for clients, facilitated printing and delivery for customers, and ensured client satisfaction with the final product
- » Investigated production errors and **refined procedures to prevent future mistakes**, reviewed new processes with team

Copyworld – Berkeley, CA

Graphic Designer | June 2007 – April 2012

- » Consulted and designed collateral for clients on a wide variety of print mediums
- » Oversaw up to a dozen design projects at once, often under tight deadlines

Education

Rithm School

Fullstack Engineer

San Francisco, CA - 2020

Academy of Art University

Graphic Design

San Francisco, CA - 2010 - 2013

Diablo Valley College

Music

Pleasant Hill, CA - 2003 - 2006

Skills

Technical

Javascript (ES6), Python, HTML, CSS/Sass, React, Node, Express, Flask, PostgreSQL, jQuery, Redux

Design

Branding, art direction, user experience, web design, print design, UI design

Tools

Photoshop, Illustrator, InDesign, Sketch, After Effects, Lightroom, Premiere, Invision, Figma

Misc. Info

Patent

Articuable Arm With Graphical Display

Intuitive Surgical, filed 2015

Award

Rising Star Award

Intuitive Surgical, 2015

Interests

Photography, video games, cooking, travelling, board games, reading, design, DIY