

DAVID YANG

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PROFESSIONAL EXPERIENCE

Vessel Science, Cofounder/CTO

July 2014-February 2016

- Led the design, development, and branding of cloud & mobile based platforms for tracking lab research and drug manufacturing.
- Responsible for the end-to-end design of two products from information architecture to CSS.
- Architected web application using MongoDB, Express, Angular, and Elastic Search.
- Designed and built the iOS application using React Native.
- Built an engineering team by training two aspiring developers with no formal CS background.

VMware, Interaction Designer / UX Prototyper

August 2012-June 2014

- Founded and led the Rapid Prototyping Team, where I built full-stack design-driven prototypes to surface user experience in an engineering-driven culture.
- Led the product design and client-side development for the VM Resource and Availability Service, the first SAAS fling at VMware.
- Introduced the full-stack prototyping methodology to the VMware User Experience team and mentored team members on the discipline.

VMware, Intern Interaction Designer

June 2011-August 2011

- Oversaw entire design process (from idea to functional prototype) of a visualization-based management interface for vCloud Director.
- Met with customers and stakeholders to validate design and use cases.
- Project was selected as an overall intern project winner (4 out of 200+ interns).

UPenn: Center For Computer Graphics, Research Assistant

May 2010-May 2011

- Improved motion capture software by developing features in C++ to integrate and visualize force-plate data from the Vicon motion capture system.

EDUCATION

University of Pennsylvania, School of Engineering and Applied Sciences

2008-2012

Bachelor of Sciences and Engineering, *Summa Cum Laude*, Digital Media Design

DESIGN TOOLS

Sketch, Illustrator, InDesign, Contextual inquiry, Personas & scenarios, Storyboarding, Wireframing, Heuristic evaluation, Usability testing, Card sorting

CODE

HTML, CSS, Node.js, Angular, D3, React Native, MongoDB, Python, Java