

# Karen Louise Allen

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*Self-motivated and goal-oriented web designer with more than ten years of experience building creative, engaging interfaces for small businesses, web applications and enterprise software. Excellent at problem solving, collaborating with others, and meeting deadlines in a fast-paced environment.*

## Technical Skills

### UI/UX DESIGN

Prototypes  
Wireframes  
User research  
Persona development  
Axure  
Sketch

### WEB DEVELOPMENT

HTML5/CSS3  
Grid & flex layouts  
Responsive design  
Node.js  
AngularJS  
Bootstrap  
Drupal  
WordPress

### VISUAL DESIGN

Adobe Illustrator  
Adobe Photoshop

### SOFTWARE DEVELOPMENT

Git  
Visual Studio  
Eclipse  
MS Expression Blend

## Education

B.A. English  
High honors  
UC Davis

Continuing education  
Graphic design  
UC Santa Cruz

## Experience

### UI Designer, Thermo Scientific, 2015–2016

Built modern, responsive web application interface in HTML/CSS/JS with the Bootstrap framework under an extremely aggressive deadline.

- ▶ Developed two distinct UI workflows for two different types of users – one for chemists who need a fast, simple way to submit samples and get access to data, and one for more experienced specialists who need more options to customize their experiments
- ▶ Created two visual design themes, one light and one dark, for best user experience in lab environments where ambient lighting can vary from very bright to very dim while working within strict branding and palette guidelines

### UI Designer, Agilent Technologies, 2008–2014

Lead visual and user interface designer and front-end developer for next-generation scientific processing and analysis software.

- ▶ Defined product's visual design direction and established a brand-friendly color palette and style guide
- ▶ Created wireframes, paper prototypes and interactive prototypes to explore the viability of proposed UI features
- ▶ Lead front-end designer and developer on HTML5/Android web application for real-time monitoring of instrument status, featuring an adaptive layout and responsive design

### Visual Designer/UI Designer, Varian Inc., 2006–2008

Updated graphics and interface assets for a scientific processing and analysis software product.

- ▶ Created 100+ icon set to illustrate complex scientific concepts; these new icons increased overall usability and user satisfaction based on marketing research
- ▶ Facilitated rebranding of NMR software products when Varian was acquired by Agilent Technologies

### Web Design and Development // FREELANCE // 2006–2008

Created business identities and a web presence for several small businesses. Services included user interface design and consulting on hosting and publishing options. Technologies developed included:

- ▶ Online product catalogs and photo galleries
- ▶ E-commerce storefront incorporating third-party shopping cart software and PayPal Website Payments Standard