Dan Tilden
UX DESIGNER

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CONTACT | **PORTFOLIO**
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I strive to make life slightly less frustrating by improving the software and devices people use every day.

Timeline

2013–present
Full-time

2012–2013
Part-time

2009
Internship

2008
Consulting

SKILLS

Usability
Wireframing, high-fidelity prototyping, scenario-based design, data analysis (with R)

Design Tools
Sketch, Inkscape, Adobe Photoshop, Adobe Illustrator

Web Programming
PHP, Rails, SQL, Javascript, JQuery, HTML5, CSS3, SASS, Jekyll, ExtJS

Other Programming
C, C#, Java, Javascript, PHP, Python, Unity

PROFESSIONAL EXPERIENCE | UX DESIGNER AT SICOM SYSTEMS

Drive-Thru Director
- System to visualize a restaurant's drive-thru status
- Created initial wireframes and all final graphics
- Rated highly in test installations
- Will also be deployed at **over 8,000** locations of a major restaurant chain this summer
- Graphics drawn with **Sketch,** used **HTML5** and **CSS animation** for animated mockups

Chef (Production Control)
- System to assist burger chefs with food production
- Provided visual design and some CSS code
- Currently in testing at several restaurants
- Used **Sketch** for mockups, and **SASS + Compass** for custom **Sencha Touch** theme

SEMS "4.0" Redesign Project
- Worked with a usability firm to deliver over 350 pages of wireframes depicting a reimagined version of the SEMS product
- Used **R** to analyze logs from the existing server
- Produced full-fidelity mockups of selected sections
- Created a custom theme package for **Sencha ExtJS** using **SASS**

SEMS "2.0" Visual Refresh
- Various visual improvements to SEMS, a system used at over 7000 restaurants worldwide.
- After the refresh, SEMS jumped from the *lowest* rated product of its kind to the *highest* in surveys
- Mockups made in **Inkscape**, implemented using **PHP, HTML, CSS,** and **Javascript**

SIDE PROJECTS

Sencha Theming Contest, Winning Theme
- Contest goal: creating a new look and feel for a provided sample application using **Sencha ExtJS**, **HTML**, **CSS**, and **SASS**.
- Submitted a complete theme based in part on Google's Material Design specification
- Entry selected for first place, winning a $2,500 prize

Pebble Watchface: TimeStyle
- A stylish, modern face for the Pebble smartwatch written in **C,** with **HTML** and **JS** components
- Among the 25 most popular watchfaces, with over 1,900 "hearts" and 25,000 installs
- Featured by tech publication *The Verge* in their review of the Pebble Time Steel

ACADEMIC

This study was published in SIGCSE, the leading CS education conference.

Master's Thesis
Design and Evaluation of a Web-Based Programming Tool to Improve the Introductory Computer Science Experience
- Worked with a team to develop Pythy, an online IDE for introductory programming classes
- Conducted a study comparing Pythy to another IDE

Education
Virginia Tech, GPA 3.81
- M.S. in Computer Science, May 2013
- Certificate in Human Computer Interaction

The College of New Jersey
- B.S. in Computer Science, May 2009