



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

TimeStyle was featured by tech publication The Verge in their review of the Pebble Time

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

Dan Tilden

UX DESIGNER

Contact

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Portfolio

DANTILDEN.COM

SKILLS

Usability

Wireframing, high-fidelity prototyping, scenario-based design, concept modeling

Design Tools

Sketch, Inkscape, Adobe Photoshop, Adobe Illustrator

Prototyping

Javascript, HTML5, CSS3, Polymer, SASS, Jekyll, ExtJS, Pebble C

Research

Questionnaire design, statistical data analysis

PROFESSIONAL EXPERIENCE: UX DESIGNER AT SICOM SYSTEMS

2012 – PRESENT

DRIVE-THRU DIRECTOR

- Visualizes the status of cars waiting in a drive-thru using simple video-game inspired visuals instead of a numerical list of wait times
- Conducted interviews with restaurant managers, created initial wireframes and a motion prototype
- Currently deployed at **over 8,000** locations of a major restaurant chain

SELF-SERVICE ORDER KIOSK

- Allows customers at QSR locations to self-order
- Conducted analysis of currently existing systems on the market, and created motion designs illustrating potential interactions
- Currently in testing at several restaurants in European locations

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
- Team interviewed existing restaurant managers, and used **R** to analyze logs from the server to extract common user workflows

SEMS "2.0" VISUAL REFRESH

- Various visual improvements to SEMS, a system used at over 7,000 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**

OTHER FEATURED PROJECTS

SMARTWATCH FACE: TIMESTYLE

- A highly customizable and readable watch face for the Pebble smartwatch
- The 6th most popular Pebble face ever made, with nearly **100,000 installs**

SENCHA THEMING CONTEST: 1ST PLACE

- Submitted a complete theme package for Sencha ExtJS, based on Google's Material Design visual language
- Entry selected for first place, winning a **\$2,500 prize**

NONPROFIT WEBSITE: ON OUR OWN

- Worked on team consisting of a visual designer, product designer, and two full-stack developers
- Created a maintainable, responsive website for a local nonprofit organization

ACADEMIC

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