Ken Fehling

Web and mobile app developer from the NY metro area

www.kenfehling.com
Email: me@kenfehling.com

EDUCATION

Stony Brook University — *B.S. Computer Science*

MINORS: DIGITAL ART, MUSIC TECHNOLOGY

Stony Brook Game Developers - Secretary

Women in Computer Science - Webmaster

EMPLOYMENT

TLT Media Lab — *Stony Brook University*

APRIL 2015 - PRESENT

Designing and developing web-based software systems for faculty and staff with feedback from stakeholders.

Helped improve lab operations by promoting Git, Trello, and modern JavaScript build tools.

Internship: WUSB — *Stony Brook University*

JANUARY 2016 - MAY 2016

Began a project to rewrite the radio station's website and playlist system from scratch, providing a CMS for admins and DJs to use.

Front and back-end JavaScript with KeystoneJS, MongoDB.

PERSONAL PROJECTS

Android — *androidideas.org*

Video Toolbox - rotate, resize, trim, flip, and convert videos

Color Sounds - generative music using camera input, color detection

TaskBomb - task scheduler for automating apps and scripts to run

HTML 5

Math Blocks - educational game teaching problem solving skills

Drum Circle - collaborative drum machine with real-time interaction

OPEN SOURCE LIBRARIES PUBLISHED

react-router-nested-history

facilitates nested tab/window history with back-button enhancement

react-designable-audio-player

audio player library for React that lets you use your own UI component

AREAS OF SPECIALIZATION

Front-end web development
Mobile app development
Back-end web development

MAIN LANGUAGES

JavaScript, TypeScript, HTML, CSS, SASS, Python, Java, C#, Swift, SQL, ActionScript, Ruby

FRAMEWORKS, LIBRARIES, ETC.

React, Node.js, React Native, jQuery, Express, KeystoneJS, MongoDB, Rails, Webpack, Gulp, Grunt, Babel, Postgresql, MySQL, SQLite, Mocha, ESLint

DEVELOPMENT PRACTICES

Test-Driven Development, Functional Programming, Continuous Integration

COURSES COMPLETED

CSE 308 - Software Engineering
CSE 336 - Web Development
CSE 392 - Mobile Apps
CSE 333 - UI Design
CSE 305 - Databases
CSE 323 - HCI
CSE 310 - Computer Networks
CSE 373 - Algorithms
CSE 219 - OOP Design
CSE 214 - Data Structures
CSE 102 - Web Design
EST 207 - Interaction Design