

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, Python, Java, Swift, SQL,

ActionScript, Ruby, Clojure

FRAMEWORKS, LIBRARIES, ETC.

React, Node.js, React Native,

jQuery, Express, Webpack,

Browserify, Gulp, Grunt, Babel,

SASS, MongoDB, Firebase, AWS

DEVELOPMENT PRACTICES

Test-Driven Development,

Functional Programming

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