



Jeffrey R. Tobin

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(440) 487-3424

PROFILE

Eager new developer with a passion for architecture and design. Enthusiastically approaches the small details in a system with preplanning and testing. Meets new challenges with readiness to learn and an open mind. Well organized, and enjoys working with a team to bring new software to life.

EDUCATION

Bachelors of Computer Science (graduated December 2017)

Kent State University

Overall GPA: 3.78

EXPERIENCE/PROJECTS

Quotetools (Olsträd Engineering)

Web application developed for quoting of combustion systems and part management. Programmed with Ruby on Rails utilizing active-record, active-job, and active-storage functionality.

SketchBlock

Five-part midi keyboard and sequencer intended for easy creation of melodies. Developed in Roli's Littlefoot language for Roli's Lightpad Block. Required well thought out memory management and heap organization for low-end hardware.

YesNote

iOS jazz improvisation application designed to help beginning musicians learn about different musical scales. Developed in Apple's Swift language, and employs audio frameworks such as AVFoundation to play musical tones.

Kent Hack Enough (hackathon)

A simple internet connected coffee machine. Push the button by your bedside or integrated with IFTTT services to start brewing coffee from anywhere. Programmed in C for low-level control of the spark core.

SKILLS

Programming paradigms:

Procedural, Object Oriented, MVC, Generic, Event-driven programming

Languages:

Ruby, C++, C, Swift, Python, SQL, PHP, WebGL, Javascript, HTML, CSS

Frameworks & Tools

iOS, Ruby on Rails, Bootstrap, GIT / SVN repositories

PAST EMPLOYMENT

Software developer, Olsträd Engineering

February 2017 - Present

600 Mogadore Road Kent, OH 44240 - (330) 678-4328

Responsibilities: Determine use cases for the Quotetools application. Report on application progress and maintain constant communication to ensure the software solution meets the needs of Olsträd Engineering.

Scheduling Manager, Chagrin Lagoons Yacht Club

May 2011 - October 2016

35111 Halsey Drive Eastlake, Ohio 44095 - (440) 942-0299

Responsibilities: Managing and creating monthly employee schedules, balancing cashboxes, and following procedures to maintain safety and order on the premises.