

Timothy Kuo

Contact



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www.timkuo.com

Education

Case Western Reserve Uni.

M.S. - Computer Science

May 2019

B.S. - Computer Science

May 2018

Relevant Courses

- Algorithms
- Artificial Intelligence
- Software Engineering
- Operating Systems and Concurrent Programming
- Computer Networks
- Databases
- Programming Language Concepts
- Theoretical Computer Science
- Computer Graphics
- App. Dev. for iOS

Skills

Expert

- Java
- HTML
- CSS
- C/C++

Proficient

- OpenGL
- Swift
- React Native
- Javascript

Experienced

- Racket
- SQL
- Haskell
- Prolog

Experience

PNC Financial Services

Application Developer Intern / Summer 2017

- Cleaned up a web application written in **Java** and **Javascript** that reduced EAR file size and build/deployment time by approximately 40%

Bear Garden Christian Preschool

Front End Developer / Summer 2016

- Designed, developed, and maintained a website (beargarden4kids.com) for the school using **HTML**, **CSS**, and **Javascript**
- Increased web traffic and contact inquiries by about 60%

MHA Consulting Engineers

CAD Engineer Intern / Summer 2015

- Used computer-aided design software to complete structural designs for residential and commercial building projects

Projects

**see more projects on github.com/timmykuo*

Serve

- **React Native** application that emphasizes convenient recipe search

Musician Tracker

- iOS application written in **Swift** that allows users to follow and discover musicians' tours and performances.

8-Puzzle Solver

- **Java** program that solves an 8-puzzle through various search algorithms such as BFS, DFS, A*, and beam.