

Timothy Kuo

Contact



timothy.kuo@case.edu



408-768-0161



11474 Euclid Ave #325,
Cleveland, OH 44106



www.timkuo.com

Education

Case Western Reserve Uni.

M.S. - Computer Science

May 2019

B.S. - Computer Science

May 2018

Skills

Expert

- Java

Proficient

- HTML
- CSS
- Javascript
- Python

Familiar

- Swift
- OpenGL
- C/C++
- AngularJS
- Adobe Suite

Experience

Software Engineer Intern

Amazon / Summer 2018

- Added multi-selection of objects, such as shift/ctrl-click logic, deletion, duplication, and drag-drop in AWS Sumerian using **Javascript** and **AngularJS**

Application Developer Intern

PNC Financial Services / Summer 2017

- Located and removed unused code for a web application written in **Java** that reduced EAR file size and build/deployment time by approximately 40%

Front End Developer

Bear Garden Christian Preschool / 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% with user research based design

CAD Engineer Intern

MHA Consulting Engineers / Summer 2015

- Used AutoCAD to complete structural designs for residential and commercial buildings projects

Projects

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

Water Simulator

- **OpenGL** and **Java** application that simulates real-life water using techniques such as Fresnel Effect, specular lighting, reflection/refraction and DuDv mapping

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.