

Thomas Takashi Sugimoto

Software Engineer

Contact

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Skills

Problem Solving

Adaptability

Collaboration

Java

JavaScript

C++

C

Node.js

Express.js

MySQL

PostgreSQL

CSS

Microsoft Office

C#

MATLAB

Languages

Japanese

Education

Bachelor of Science: Computer Science

Oregon State University – Corvallis, OR / March 2017 – December 2020

- Graduated with 3.57 GPA
- Coursework in Operating Systems, Data Structures, Discrete Structures, Web Development, Analysis of Algorithms, Databases, Computer Architecture, Assembly Language, Usability Engineering, Computer Networks, and Parallel Programming.

Bachelor of Science: Physics

University of Washington – Seattle, WA / September 2011 – December 2014

- Graduated with 3.32 GPA
- Minor in Mathematics

Projects

Card Game Simulator

September 2020 – Present

A web app built using node.js and the HTML5 framework Phaser 3 for OSU's Computer Science group capstone project. The app allows anyone to join around a table and play any card game they like. The app concept was created and developed by me, as the leader of our group. The app includes a dynamic table and hand system and node.js server, built from the ground up by me.

smallsh.c

November 2020

A bash-like shell application that I wrote in C for my operating systems class. The application allows users to use commands to navigate directories (such as cd, status, and exit), execute other programs with execvp both in the application's foreground or background, and make custom signal handlers for SIGINT and SIGTSTP.

Pokémon Database

June 2018 – August 2018

An interactive website created solely by me for my databases class, that users can browse a database of Pokémon. Users can add new Pokémon, and search based on type or location. The app was built using Node.js, Express.js, and MySQL.

Experience

Carpenter's Assistant (Contract)

Red Truck Construction, Bainbridge Island, WA / August 2020 – Present

- Helped with preparing construction sites, materials and tools and assisted the project manager with building planning and installing hardware.

English Teacher

Amerigo English School, Ube, Yamaguchi, Japan / March 2017 – April 2020

- Taught English as a foreign language to various students of all ages with an average class time of 28 hours per week.
- Outside of class was responsible for handling customers, organizing the day-to-day operation of the school, and preparing lesson plans.

Line Cook

Li'l Woody's, Seattle, WA / December 2015 – March 2017

- Responsibilities include daily cooking duties, quality checks and ordering.

Lead Line Cook

Kukai Ramen & Izakaya / August 2014 – October 2015

- Oversaw the performance of kitchen staff, performed individual duties and managerial quality check daily.