

Thomas Takashi Sugimoto

Computer Science Graduate

Contact

Address

16285 Olympic View Rd. NW
Silverdale, WA 98383

Phone

(360) 471-9350

E-mail

sugimotothomas@gmail.com

LinkedIn

<https://www.linkedin.com/in/thomas-sugimoto/>

Website

<https://sugimotothomas.com>

Skills

Problem Solving

Adaptability

Collaboration

Java

JavaScript

C++

C

Node.js

Express.js

MySQL

PostgreSQL

CSS

Microsoft Office

C#

MATLAB

Languages

Japanese – Conversational

English – Fluent

Education

Bachelor of Science: Computer Science

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

- Graduated with 3.61 GPA.
- Coursework in Operating Systems, Data Structures, Discrete Structures, Web Development, Analysis of Algorithms, Databases, Computer Architecture, 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.
- Concentration in Applied Physics, Minor in Mathematics.

Programming Projects

Card Game Simulator

Project Leader / September 2020 – December 2020

A web app built using node.js and HTML5 Phaser3 framework for OSU's Computer Science 3-person group capstone project. I had the original idea app and was the group leader. The app allows anyone to join around a table and play any card game they like and includes a dynamic table/hand system and server, built by me.

Grain-Deer Simulation

Sole Developer / April 2019 – May 2019

A C++ program developed for my parallel programming class that simulates the growth of grass based on temperature, precipitation, deer population. I added the variable, wolves that act as a predator to the deer. The program utilizes the concept of functional decomposition implementing subfunctions in parallel threads.

smallsh.c

Sole Developer / 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

Sole Developer / June 2018 – August 2018

An interactive website built using Node.js, Express.js, and MySQL created by me for my databases class. Users can browse, search, and add to a database of Pokémon.

Experience

Carpenter Assistant

Preston Todd Construction LLC – 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 LLC – Seattle, WA / December 2015 – March 2017

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