

James Sippelle

jamessippelle.com
admin@jamessippelle.com
github.com/jsippelle

Summary

I wrote my first computer program and built my first website when I was in elementary school. I have completed computer science coursework at the graduate and undergraduate levels and will receive a B.S. in Computer Science this year.

Skills

Programming languages: C++, Java, PHP, SQL, JavaScript, C#, Python, Swift

Projects

OntologizeThis, interpreter — Java

github.com/jsippelle/OntologizeThis

- Implemented a multi-threaded algorithm to compute solutions to logic problems.

MessageMe, chat application — PHP, SQL, JavaScript

github.com/jsippelle/MessageMe

- Implemented a “back end” messaging API, including an authentication system.
- Implemented a “front end” GUI.

LifeSim, video game — C++

- Implemented a physics engine, collision detection, and 2-d graphics.

Education

University of Maryland Global Campus

Bachelor of Science in Computer Science

Expected Fall 2021

Arizona State University

Professional Certification in Software Engineering

December 2020

Arizona State University

Bachelor of Arts in Philosophy

Spring 2019

Work History

Substitute teacher at CVUSD and PVSD

September 2019—March 2020

- Substitute taught a variety of middle school and high school classes.

Computer programming instructor at the Coding School

Summer 2015

- Taught computer programming using MIT Scratch.

Community Service

Volunteer at Moorpark Pantry Plus

May 2018—March 2020

- Volunteered for over 400 hours at a food pantry.