Stephanie Shin

EDUCATION

UCLA (Computer Science B.S.) 3.90 GPA — Los Angeles, CA | 2020 - 2022
Las Positas College 3.79 GPA — Livermore, CA | 2018 - 2020

Relevant Courses: Introduction to Computer Graphics, Computer Organization and Assembly Language Programming, Advanced Programming with Data Structures (C++), Multivariable Calculus, Discrete Mathematics, Linear Algebra, Ordinary Differential Equations

Extracurriculars: UCLA ACM AI (Fall 2020 - Present), UCLA ACM Hack (Fall 2020 - Present)

SKILLS

Technologies: C++, Python, HTML/CSS/JavaScript
Language: Bilingual proficiency in English and Korean, elementary proficiency in French

PROJECTS

Titanic Panic (3D Game), *Developer* — Los Angeles, CA | October 2020 – December 2020
- Worked in a team of 4 to design and code a 3d game using JavaScript's tiny graphics library
- Implemented continuous spawning of icebergs, collision detection, and game dialogue/text

Autonomous Car (HaCK at UCLA Transfer Bridge), *2nd Place* — Los Angeles, CA | September 2020
- Received the 2nd place award among 15 teams for the UCLA transfer bridge remote hackathon (~50 hours)
- Competed in a team of 3 to program an autonomous car that physically maps its surrounding environment while avoiding obstacles within the set arena
- Programmed with Python TKinter to receive data via bluetooth and create the visual mapping of the arena
- Gained additional experience with Solidworks design of a basic car as well as Arduino programming of micro servos and ultrasonic sensors

2D Game in C++ (UCLA Transfer Bridge Program), *1st Place* — Los Angeles, CA | August 2020
- Received the 1st place award among 3 teams for the UCLA Transfer Bridge Program computer science boot camp project competition
- Developed a 2d space shooter game in C++ in a team of 3 using the SFML graphics library demonstrating concepts in data structures and inheritance
- Programmed the movements of the character and rockets upon user input, as well as collision detection

Website Development, *Developer* — Pleasanton, CA | August 2019 – May 2020
- Coded, designed, and published itscodetime.netlify.app which aims to give viewers a brief overview of various coding languages as well as fawnfiles.netlify.app which is an interactive website featuring a chatbot
- Created all website content from the ground up as the sole developer and designer using HTML/CSS/JS

JOB EXPERIENCES

Numeric Insight, *Incoming Intern* — Remote | January 2021 – March 2021
- Will showcase and/or demo machine learning algorithms

Private Tutoring, *Tutor* — Livermore, CA | January 2020 – Present
- Instructed student in one-on-one code tutoring sessions
- Taught coding principles in Python and HTML/CSS through lessons as well as individualized products

The Coder School, *Code Coach* — Pleasanton, CA | December 2018 – January 2020
- Instructed in various environments for students aged 5-18 in Scratch, Python, HTML/CSS, and C++
- Devised individualized weekly lessons/projects for students

ACTIVITIES

Las Positas College Engineering Club, *Vice President* — Livermore, CA | August 2019 – May 2020
- Formulated project ideas for the club and lead coding demonstrations in Arduino
- Logged meeting summaries, designed flyers, and participated in student outreach