

Shayla Luong

EDUCATION

San Jose State University

M.S. in Computer Science | August 2021 – May 2023 (incoming)

University of California, Irvine

B.S. in Computer Science and Engineering | September 2016 – June 2020

- GPA: 3.78 – Honors: Cum Laude
- Coursework: Artificial Intelligence, Computer Vision, Machine Learning, Data Analytics, Databases, Computer Networks, Embedded Systems, Compilers, Operating Systems, Data Structures & Algorithms

EXPERIENCE

Raytheon Intelligence and Space

Software Engineer I | September 2020 – Present

- Develop Windows .NET applications to interface automated testing frameworks with hardware parts using C#, C++, and Matlab.
- Collaborate with Test and Systems Engineers to complete multiple runs of software validation, testing, and revision release.

cFive Solutions

Software Engineer Intern | October 2018 – April 2019

- Optimize SQL queries and create scripts to extract and validate large amount of data. Perform data migrations between different database environments.
- Collaborate with other developers to improve User Interface for web-based Java solutions.

UCI School of ICS

Lab Tutor | September 2018 – March 2019

- Assist a classroom of 30 students in Accelerated Python Programming course.

PROJECTS AND HACKATHONS

Smart Bins - Automated Trash-Sorting System | September 2019 – June 2020

- Collaborate with four students to create a system that can automatically sort waste into trash, recycle, and compost bins. Implement a CNN classifier using MS Azure's Machine Learning services and build an image processing pipeline to collect and process images received from physical trash bin with camera and sensors attached.

Digital Business Card Sharing Through NFC | October 2018

- Develop an android application that uses NFC technology to communicate and share digital business profiles between devices. Integrate Google's Firebase database and authentication services to store and fetch user data. Built with Java and Android Studio.

Navigation for Meetups | March 2018

- Build a web application, incorporating Google Maps and Foursquare APIs, that calculates real-time distance between two locations and suggests nearby interest points, based on user activity. Used HTML/CSS, Bootstrap, JavaScript for front-end, Django and Python for back end.

CONTACT

sluong910@gmail.com

(657) 456-9314

sluong910.github.io/sluong/

TECHNICAL SKILLS

Languages

Python

C++

Java

SQL

HTML5

CSS3

JavaScript

Tools

Git

OpenCV

Visual Studio

MS SQL Server

Android Studio

Adobe CC Suite

AWS/GCP

Web Frameworks

React

Django

Ruby on Rails