

Haris Sohail

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🐙 <https://github.com/Ha-So>
📁 <https://ha-so.github.io/Portfolio>

EDUCATION

Oregon State University

B.S. in Computer Science (GPA: 3.71)

December 2018

Stony Brook University

B.S. in Chemistry

December 2015

EXPERIENCE

Northwell Health Feinstein Institutes for Medical Research - Manhasset, NY

Software Engineer (Applications Engineer) | Python / JS / PHP / C# / .NET April 2019 – Present

- Developed full-stack applications (PHP, JavaScript, NodeJS, MySQL) to meet researcher needs. Contributed to public software development community with hook, plugin and module development for REDCap.
- Built APIs (C#, .NET) for data integration between multiple systems.
- Wrote Python (Py, SQLServer) applications for data manipulation, APIs and data analysis.
- Designed Laboratory Information Management System application (MySQL, C#, .NET) to encapsulate legacy software (VBA).

PSEG Long Island - Bethpage, NY

Intern (Software and Networking) | Python / Bash / AWS

June 2018 – September 2018

- Developed software with Python and Bash for network devices to automate firmware updates and streamline device protocol configuration.
- Wrote production-level code for interpreting and parsing immense data sets.

Allegiant Health - Deer Park, NY

Chemist

August 2015 – July 2017

- Conducted analysis on pharmaceutical drug formulations for products, raw materials, method validation and instrument calibration. Exercised frequent problem solving and statistical data analysis.

PROJECTS

Amaya & Ko (🏆 Award Winning Unity Engine Game)

C# / Windows / Android | <https://github.com/Ha-So/Amaya-Ko>

October 2018

- Designed and commercially released an artistic 2D story based game with dynamic physics, puzzles and 3D depth achieved through extensive C# object oriented programming.
- Playable on Windows, Mac, Linux OS and Android.

Roll/On/Sushi (🍱 Android Application)

Flutter / Dart / Android | https://github.com/Ha-So/roll_on_sushi

March 2021

- Built with Flutter, Dart and Google APIs to create a cross platform mobile application that aids the user in deciding where to eat.

Food Truck Foodies (🍔 Web Application)

React / NodeJS / Express / MongoDB | <https://github.com/Ha-So/FoodTruckFoodies>

July 2021

- MERN stack application integrated with Places API that allows users to find and add live locations of food trucks.
- React front-end features interactive maps component that pulls live data from MongoDB back-end.

C++ Agent

C++ / Linux | <https://github.com/Ha-So/C-Linux-Game>

May 2017

- An object oriented programming terminal RPG with resourceful visuals and dynamically created rooms.

SKILLS

Python
React
SQL Server

C / C++
NodeJS
Flutter

C#
Express
Android

JavaScript
MongoDB
HTML / CSS

PHP
MySQL
Unity