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 custom application modules, plugins and hooks (REDCap, PHP, JavaScript) to meet researcher needs. Contributed to public software development community with module development for REDCap.
- Built APIs (C#, .NET) for data integration between multiple systems.
- Wrote Python (Py, SQL) applications for data manipulation and analysis to automate workflows.
- Designed and developed in-house web application (SQL, C#, .NET) to encapsulate legacy software.

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 – January 2019**

- 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 – Present**

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

C++ Agent

C++ / Linux | https://github.com/Ha-So/C-Linux-Game   **May 2017 – June 2017**

- A fully interactive top-down RPG with resourceful visuals where multiple rooms are dynamically created for the player to traverse and solve various objectives utilizing OOP methodology.

TweetMe (🐦 Android Application)

Java / Android | https://github.com/Ha-So/TweetMe   **July 2018 – August 2018**

- Applied Twitter API to create an Android app to interact via OAuth 2.0. Features a single action post of your current location.

SKILLS

Python	C / C++	C#	JavaScript	Java
PHP	HTML/CSS	SQL / NoSQL	Flutter	Dart
Android	Unix Shells	OpenCL / OpenGL	Git	Unity