Haris Sohail

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⬡ https://github.com/Ha-So

EDUCATION

Oregon State University

B.S. in Computer Science (GPA: 3.71) **December 2018**

Stony Brook University

B.S. in Chemistry **December 2015**

Specialization: Environmental Chemistry / Engineering

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 and improve workflows.
- Designed and developed in-house web application (SQL, C#, .NET) to manage legacy software with more efficiency.

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.
- Maintained company wide networking systems through AWS and aided in architecture transfer to cloud based networking.

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.

C++ Agent (Terminal/CLI Program)

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 utlizing

TweetMe (Twitter Android Application)

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

- Applied Twitter API to create an Android app to sign in, connect, and post to Twitter via OAuth 2.0.
- Included features to automatically update and post your current location to Twitter with a single action. Allowed customization to post varying information related to the location.

SKILLS

Python	C / C++	C#	JavaScript	Java
PHP	HTML/CSS	SQL / NoSQL	OpenCL / OpenGL	Assembly(x86)
Android	Unix Shells	IDEs	Git	Unity