

Haris Sohail

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

PSEG Long Island - Bethpage, NY

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

June 2018 – September 2018

- Developed software with Python and Bash within Agile environment for network devices to automate firmware updates and streamline device protocol configuration.
- Wrote production-level code for interpreting and parsing immense data sets.
- Programmed, configured, updated and deployed new network devices into active service.
- Maintained company wide networking systems through AWS and aided in architecture transfer to cloud based networking.

Allegiant Health - Deer Park, NY

Chemist

July 2015 – July 2017

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

PROJECTS

Amaya & Ko (Commercially Released Unity Engine Game)

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

October 2018 – December 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 and Linux OS.

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.
- Utilized aspects of object oriented programming such as inheritance and encapsulation.

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, view 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.

True NBA (Web Application and Database)

JavaScript / SQL / Node.js | <https://github.com/Ha-So/NBA-Database>

Oct. 2017 – Dec. 2017

- Employed jQuery, JavaScript, Node.js, HTML and CSS to create a user interface where they can view, add, delete, search/filter and edit entities via SQL queries within the database.
- Setup an entity relationship model NBA database via a back-end MySQL MariaDB server with a front-end framework designed with Express and Handlebars.

SKILLS

C / C++
HTML/CSS
Android

Python
SQL / NoSQL
Windows

Java
OpenCL / OpenGL
IDEs

C#
Assembly(x86)
Git

JavaScript
Unix Shells
Unity