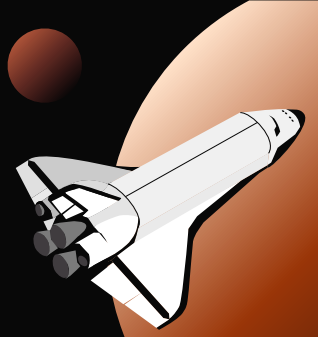


Frank Hui

High School Student

 Burnaby, BC, Canada  frankwhoe.github.io
 huifrank@live.com  github.com/FrankWhoee



High School student with five years of experience in programming and graphics design, as well as over 6 years of experience doing photography. Passionate about bringing positive changes to the world with my creativity and ingenuity, as well as inspiring younger students to code.

TECHNICAL SKILLS

Tools

Git, Github
Inkscape, GIMP, Adobe Lightroom
Bash, Linux
Keras, Tensorflow

Languages

Java, Python, R

Vector Graphics Design

Photography

EDUCATION

High School

Burnaby North Secondary School (BNSS)
09/2015 - Present

Highlighted AP Courses

AP Computer Science A - 5/5 AP Capstone
AP Statistics 12 - 4/5 AP Physics 1 - 5/5

VOLUNTEER WORK

BNSS Coding Club - President

- Club goal: Inspiring the next generation of programmers.
- My role: Overseeing all aspects of the club.

Hygiene for the Homeless - Director of Technology

- Delivering hygiene kits to homeless people
- Building and maintaining the H4H website.

Vancouver Highschool Hackathons - Vice President

- The first hackathon catered towards high school students in the Lower Mainland.
- Organization goal: To promote and cultivate computer science, coding, and digital security interest within youth in the region with hands-on design events.
- My role: Overseeing all aspects of the organization.

The Noble Tutors - Tutor

- Tutoring students in chemistry, biology, and physics for free

ACHIEVEMENTS

Greater Vancouver Regional Science Fair

[Analysing Traffic Problems Using Properties of Emergence Through the Use of Simulation](#)

Silver Medal (04/2018)

Best Mathematical Sciences Project (04/2018)

Best Computer Science Project (04/2018)

[Accurate Early Detection of GBM Brain Cancer With Deep Learning](#)

Silver Medal | GVRSF (04/2019)

Best Computer Science Project (04/2019)

BC Game Developers Innovation Award (04/2019)

Rank 33 | Halite II (10/2017 - 01/2018)

Rank 33 out of 5,832 players worldwide
Top High School Student in Canada

Top 20 Award | nwHacks 2019 (01/2019)

[Stride - Walk Secure](#)

PERSONAL PROJECTS

SFU Research

- I am working as a volunteer intern researcher on the project RFDistribution with Professor Chindelevitch. You can find the repository [here](#).

LunarAim RL

- LunarAim RL began as an attempt to make Lunar Lander easier by adding visual assistance, but it evolved into an opportunity for me to learn reinforcement learning. Using a custom environment, I'm training an agent to play my version of Lunar Lander.

INTERESTS

 Online Coding Competitions

 Hackathons

 Artificial Intelligence

 Competitive Swimming