**Shen Huang**

Cell Phone: 86-13311975466 E-Mail: [shenhuang@live.ca](mailto:shenhuang@live.ca) Personal Website: <shenhuang.github.io>

**Skills**

**Programming:** Type Script, Python, C, Java **Language:** English (Expert), Chinese (Native)

**Office Tools:** Word, Excel, Power Point **Design Tools:** Photoshop, 3DS Max

**Willing and able to quickly learn any new skills**

**Education & Work Experience**

2020.10 - 2021.4 **Byte Dance** Game Developer Engineer

2018.5 - 2020.5 **National Science Foundation**  Teaching Assistance (Data Science)

2017.9 - 2020.5 **California State University, Northridge** MASc in Computer Science

2015.7 – 2017.3 **Operation Technology Inc.**  Software Test & Support Engineer

2011.9 - 2015.5 **Queens University** MEng in Electrical Engineering

**Project Experience**

**Mango Card Game (Byte Dance Mini Game) Front-End**

* Developed systems with Type Script & Cocos, optimized the system and reduced dc by 90%.
* Worked collaboratively in a highly agile environment (1-2) releases per day.
* Created several automation scripts with Python, greatly accelerated the workflow.
* Design and improved the audio manager of the game, filed a Patent.

**Web Emoji Games & Unity Games**

* Worked collaboratively with musicians and artists.
* Utilized cloud technologies such as AWS and GCP.
* Can be played by clicking on the emojis on personal website: <https://shenhuang.github.io/>.
* An easter-egg was hidden inside the console, use Chrome browser and press F12.

**Other Experience**

**HCI Research**

* Assisted research process such as developing prototype, and training Machine Learning Models.
* First paper published on 13th IEEE HSI 2020 held in Tokyo, Japan.
* Several other results from research were waiting to be published.

**Medium Writer**

* Writer for Towards Data Science, The Startup, Hacker Noon and freeCodeCamp.
* Several articles were selected by the curators and displayed at the front page.
* Articles were published on other platform upon requests.

**Awards & Prizes**

Queens ECE Robot Competition (1st Place)

CEMC Math Competition Certificate of Distinction

Presented Research on SCC Space Computing Conference