Shen Huang

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Skills

Programming: Type Script, Python, C# etc.   **Language:** English (Fluent), Chinese (Native)
Office Tools: Word, Excel, Power Point etc.   **Design Tools:** Photoshop, 3DS Max etc.

Willing and able to quickly learn any new skills

Education & Work Experience

2020.10 - 2021.4	**Byte Dance**	Software 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 (HCI)
2015.7 – 2017.3	**Operation Technology Inc.**	Software Test Engineer
2011.9 - 2015.5	**Queens University**	MEng in Electrical Engineering

Research Experience

Research in Behavioral Biometrics

- Researched subjects in keystroke, mouse, and touch dynamics, applications on Identification and classification filed several related patents.
- Conducted survey and data collection with self-made mobile software applications, performed data analysis with modern techniques in data science.
- Published the first paper in 13th International Conference on Human System Interaction (HSI 2020), more research works waiting to be published, can be provided upon request.
- Presented a paper at the 2019 IEEE Space Computing Conference, demo of the research was built by Unity VR system.

Project Experience

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

- Developed systems with TypeScript & 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.

Other Experience

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