Jonathan Cheng

Electrical & Computer Engineering

Jonathan Cheng
Based in Hong Kong.
Studying in Pittsburgh, PA.

+1 978 429 6620   or   +852 60889969
jcheng3@andrew.cmu.edu   or   jonathanchengjr77@gmail.com

Website: https://jchengjr77.github.io/mysite

Education

Carnegie Mellon University
MAY 2022, PITTSBURGH, PA

B.S. in Electrical and Computer Engineering

Current cumulative QPA: 3.71

Focused on Software Systems, aiming for Double Major in Computer Science.

Experience

Dalton Learning Labs / Intern
SUMMER 2019, HONG KONG
- Software development of embedded device.
- Designed physical computing curriculum for primary school students.
- Research and development for EdTech products.

Tencent / Intern
SUMMER 2018, SHENZHEN
- Under AI/Computer Vision department.
- Gathered relevant research about modern neural net algorithms for my colleague's project.

Diamond Inc. / Intern
SUMMER 2017, SAN MATEO
- Worked with Growth and Design teams on gamification of the Diamond product.
- Designed an expansion campaign to attract more onboarders.
- Redesigned the landing site for our product.

Skills

Computer Languages: Python, C0/C, HTML/CSS/JS, Java

Languages: English (primary language), Mandarin, Cantonese

Leadership (Captained 2 sports teams, 4 years collectively)

Projects

3D Game Of Life / at Carnegie Mellon University
NOVEMBER 2018, PITTSBURGH, PA, 15289, USA

Designed and programmed a 3D version of Conway's Game of Life. Features include a single-player mode, multiplayer, customization of evolution rules, life replay, seeding stage, etc. Built using Python (tkinter, Panda3D).