Jonathan Cheng

Electrical & Computer Engineering

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

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Education

Carnegie Mellon University
MAY 2022, PITTSBURGH, PA

B.S. in Electrical and Computer Engineering

Current cumulative QPA: 3.71

Focused on Software Systems, on track for Add. Major in Computer Science.

Experience

Carnegie Mellon School of Computer Science / 15122 Teaching Assistant
FALL 2019, PITTSBURGH
- Teaching Assistant for Principles of Imperative Computation
- Responsibilities include leading lab sessions, holding office hours on weekends, answering questions online, etc.

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..

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).