

# Jonathan Cheng

## Electrical & Computer Engineering

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### Jonathan Cheng

Based in Hong Kong.  
Studying in Pittsburgh, PA.

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## Education

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### 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.

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## Experience

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### 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.

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## Skills

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

Languages: English (primary language), Mandarin, Cantonese

Leadership (Captained 2 sports teams, 4 years collectively)

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## Projects

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### 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).