

Chunlok Lo

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P.O. Box #326078 Georgia Tech Station Atlanta, GA 30332

EDUCATION

Georgia Institute of Technology, Atlanta, GA

- Bachelor of Science in Computer Science

August 2016 – *Present*

Expected Graduation: May 2020

Belmont High School, Belmont, MA

- GPA: 3.85/4.0
- National AP Scholar

August 2012 – May 2016

EXPERIENCE/PROJECTS

Starcraft: Brood War AI Project

September 2016 - *Present*

- Designed an intelligent agent in Java to compete in a real time strategy game with incomplete information and complex state and action spaces.
- Examined modern and classical artificial intelligence techniques to implement simple artificial neural network for machine learning.

Discord Announcement Bot

August 2016

- Created a Discord chat bot through the Python API to facilitate small groups announcements within larger servers through a subscriber opt-in system with a back-end database.

Arena and Tetris Project

January 2015 – September 2015

- Designed and implemented games with GUI through Java and libGDX.
- Collected user feedback and iterated on the game's code to increase player enjoyment and fluidity.

Wisp Project

Summer 2014

- Designed and created a Unity game with C# scripts and animations.
- Applied 2D visual art skills to create colored animation sprite sheets in Photoshop.
- Led a group of developers toward creating a discursive and supportive development environment.
- Created a game design document detailing the core game mechanics and characters.

Schrodinger's Cube Game Design Blog

December 2014 – *Present*

- Discussed and analyzed human-computer interaction and its application in video games through written articles.
- Developed written and visual communication skills by communicating through text, video, and images about design principles.

Potential Development Association

January 2013 – July 2013

Website Technical Assistant

- Streamlined website's content update process by reformatting the previously cluttered HTML organization.
- Collaborated remotely with a Hong Kong-based company to strengthen its Chinese and English website.

LEADERSHIP/ACHIEVEMENT

Wachusett Economics Showdown, Wachusett, MA

May 2016

- Analyzed and interpreted a real world economic case study and proposed potential solutions to a country's macro and micro-economic problems. Placed 2nd overall.

Belmont High School Science Olympiad

September 2016 – May 2016

- Collaborated with other members to study, research, and compete in Science Olympiad topics. Placed 2nd in the West Suburban Science League and 6th in State Science Olympiad.

Harvard Economics Challenge, Cambridge, MA

April 2016

- Prepared with members about economic concepts and represented Belmont High School in an international economics invitational.

SKILLS/INTERESTS

Languages: Python, Java, C#, PHP, C, Javascript, HTML

Applications: Photoshop, Eclipse, Creo, Onshape, Unity, SQL

Foreign Languages: English(fluent), Mandarin(fluent), Cantonese(fluent), French(basic)

Organizations: Artificial Intelligence Club, Information security Club, Programming Team, Badminton Club

Other Interests: Visual Art and Design, Game Development, Kpop Dance, Marching Band, Jazz Band, Fencing