

YINGHONG (LUCKAS) HUANG

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EDUCATION:

- B.S. in Computer Science and Mathematics, University of Massachusetts, Amherst** Expected: May 2021
- Overall GPA: 3.90/4.00 (Dean's List, Commonwealth Honors)
 - Honors Capstone Project: "WeChat: An Unspoken Fake News Media"
- A.S. in Computer Science, Bunker Hill Community College** Jun. 2017 – Jun. 2019
- Overall GPA: 3.96/4.00 (Dean's List, Commonwealth Honors)
 - Vice President of Leadership of Alpha Kappa Mu (a chapter of Phi Theta Kappa Honors Society)
- Object-Oriented Programming Certificate, Bunker Hill Community College** Jun. 2017 – Jun. 2019

RESEARCH EXPERIENCE:

- Undergraduate Research Intern in Biostatistic** June 2021– Aug 2021
Boston University, Boston, MA
- Will perform a group research project
 - Will receive training in SAS and R
 - Will work together with professors and graduate students using real data from National Heart, Lung, and Blood Institute

RELATED EXPERIENCE:

- Computer Science Volunteer Mentor and Coordinator at TTT Mentor Program** Sep. 2019 – Present
Massachusetts Institute of Technology (MIT), Cambridge, MA
- Organized and directed semesterly HTML and Python lectures to students from grades 4 - 7 with a diversified cultural background.
 - Helped the students to build the [final project](#).
 - Designed the curriculum of the Computer Science Program
 - Processed end-of-day reports
 - Attended regular meetings and ensured the schedule is maintained
 - Massachusetts Governor's Citation
- Student Mentor- Introduction to C++, and English as Second Language (ESL)** Sep. 2018 – Dec. 2019
Bunker Hill Community College (BHCC), Boston, MA
- Worked on helping over 40 students with C++ concepts, homework, and project troubleshooting.
 - Worked on helping over 20 students with English as Second Language homework and classwork.
 - Served as resources to help new students adjust to the academic, social, and personal environment at BHCC.
- Boston Cares Active Volunteer** May 2018 – Present
Boston, MA
- Front desk translator at American Red Cross Food Pantry Food Distribution Program
 - Tutored at X-Cel Education Program
 - Helped to serve hot lunch to people in need at Victory Programs' Boston Living Center

PROJECTS:

- Anki addon: addon's code exporter**
- Developed a cross-platform application to export existing addons of Anki users.
 - Implemented in PyQt5.
 - Developed an addon version of this application for Anki.
- Alpha Kappa Mu Honors Project: Book Swap Registration System**
- Developed an application to assist BHCC's Honors Society's Theme Project: Sharing Economy

- Implemented a JavaFX Client/Server record tracking application with interactive GUI using MySQL as an information retrieval system.

Advanced C++ Programming Project: Database simulation

- Designed, analyzed, and implemented a database system from scratch
- Created a software specification for the program

Physic I Honors Research Paper: The possible applications of Quantum Computers

- Presented at Massachusetts Undergraduate Research Conference Spring 2019
- Presented at Bunker Hill Community College Honors Conference Fall 2018

Honors Seminar on AI Research Paper: How can security be reinforced with AI?

- Presented at Bunker Hill Community College Honors Conference Fall 2018

Physic II Honors Research Paper: Maglev train, new public transportation?

LANGUAGES:

Chinese Mandarin - Native

Chinese Cantonese - Native

Spanish – Fluent

English – Fluent

AWARDS:

Bunker Hill Community College Gala Foundation Scholarship (USD 10,000)

Sep 2017 – May 2018