

Charles Ma

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Brighton, MA 02135

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EDUCATION

Boston University — College of Arts and Sciences and Questrom School of Business

Boston, MA

Computer Science with Business Administration Minor

Class of 2020

- GPA: 3.5/4.0; Dean's list (2016-2017)

TECHNICAL BACKGROUND

Languages: Python, Java, JavaScript, HTML/CSS

Coursework: Algorithmic Design, Data Structures, Probability in Computing, Neural Networks

Hackathons: PennApps XVI BlackRock Aladdin API Prize, HackRU XIII Vitech and RBC Capital Prizes

GitHub: [www.github.com/charlesma4](https://github.com/charlesma4) **LinkedIn:** <https://www.linkedin.com/in/charles-ma-60a25a8b/>

WORK EXPERIENCE

Wayfair

Boston, MA

Incoming Software Engineering Intern (Summer)

November 2017 – Present

Cell Signaling Technology

Danvers, MA

Software Engineering Intern

May 2017 – August 2017

- Develop core Java web applications with J2EE frameworks as well as Spring and Hibernate.
- Modernize dependency management by migrating from Maven to Gradle and configuring build files.
- Analyze enterprise security flaws with 20 CIS security controls.

BU Educational Resource Center

Boston, MA

Combinatorics Tutor

October 2017 – December 2017

- Disseminate 10+ core topics for 15+ students across the span of a semester-long course.
- Discuss inductive proofs, number theory, recursion and more with tutees to facilitate understanding.
- Collaborate with fellow tutors to prepare relevant coursework and break down challenging concepts.

LEADERSHIP

BostonHacks Organizing Committee

Boston, MA

Director of Sponsorship

November 2016 - Present

- Lead acquisition of \$30k+ in sponsorships through brand differentiation and value propositions.
- Design engaging website, promoting hacker/sponsor recruitment and increasing event recognition.
- Institute novel sponsorship strategies through collaboration with fellow organizers and alumni relations

Phi Chi Theta Professional Fraternity

Boston, MA

Tech Education Director

January 2017 – Present

- Lead tech-oriented workshops to cultivate brothers' tech literacy and problem solving skills.
- Interact with professionals in tech industry to bridge gap between business and computer science.
- Engineer apps and websites to foster innovative environment and promote branch reputation.

Boston University Machine Intelligence Community

Boston, MA

Executive Board

April 2017 - Present

- Conduct workshops to discuss research papers, PyTorch and Keras frameworks, and neural networks.
- Organize initiatives at colleges around the country to collaborate on open-source projects.
- Coordinate expansion and corporate partnerships for intercollegiate conferences and events.

OTHER INTERESTS: Fencing (sabre!), Basketball, Piano