

Tommy(Xinyang) Cheng

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EDUCATION

Boston University, College of Arts & Science

Boston, MA

B.A. in Computer Science (cumulative GPA: 4.000/4.000)

Expected Graduation May 2026

B.A. in Applied Mathematics (cumulative GPA: 3.950/4.000)

Coursework: Computer Systems, Software Engineering, Multivariate Calculus, Geometric Algorithms, Probability, Combinatoric Structures, Applied Abstract Algebra, Linear Algebra

Organizations: BU Chinese Students & Scholars Association, BU IT Help Center, BU Upsilon Pi Epsilon

PROFESSIONAL EXPERIENCE

RadicalX

New York, NY

Software Developer > AI Engineer (remote)

Oct. 2023 – Present

- assisted in the development of the business website
- participated in daily standups and team meetings
- collaborated with the team on enhancing product features and improved performance

Boston University: IT Help Center

Boston, MA

IT Support Specialist

Jan. 2024 – Present

- participated the Learning & Event Technology Services group on campus
- worked 12 hours every week; provided instant help on equipment issue; solved over 10 tickets per week

GEC Academy

Shanghai, China

Research Project Coordinator

Jul. 2023 – Aug. 2023

- led a group of 21 students with Professor Patrick Rebeschini to learn and use the knowledge on Deep Reinforcement Learning to code learning programs solving environments and produce 8-page research papers in a 1-month program with 2 weeks remotely and 2 weeks on-site
- organized 1-hour sessions to review on topics from lecture sessions with 12 hours in total and advise assignments and projects; handled questions at any time through WeCom
- dived deep into the topic Deep Reinforcement Learning; showed ability to lead a class and prepare detailed lessons with 80-slide PowerPoints, in-class written questions, and quizzes

Chinese Students and Scholar Association

Boston, MA

Vice President of Technology Department

Dec. 2022 – Present

- led 2 web-dev projects at the same time; tutored members on dev skills
- actively hosted department recruitments; held weekly offline meeting; made schedule and notes
- discussed on ideas on future projects the department can launch

PROJECT

BU CSSA Official Website – React.js

Boston, MA

<https://www.bucssa.org/>

Feb. 2023 – Present

- designed and constructed a multiple-page website that students can access to the detailed information related to BUCSSA, including events, resources, and the information of the organization
- had 30 commits in average to the project every month; provided design templates and applied for UI/UX
- participated in the core development and deployment; checked and changed all hardcode into flexbox to improve responsive

BU CSSA Application Portal – Flask

Boston, MA

<https://application-portal.bucssa.org/>

Feb. 2023 – Jun. 2023

- built an independent website that students can submit application to BUCSSA with their resumes and sign-up activities held by BUCSSA; developed admin accounts to improve internal operating efficiency
- had 15 commits in average to the project every month; provided design templates and applied for UI/UX
- had over 300 users, more than 67000 visits and 2811 transactions per minute at maximum

TECHNICAL SKILLS

- **Languages:** Mandarin (Fluent), English (Fluent), French (Elementary)
- **Programming Languages:** Python, Java, C++, HTML, JavaScript, CSS, Git, Shell, x86-64 Assembly, C
- **Framework:** React.js, Flask, Next.js
- **Developer Tools:** Github, Visual Studio Code, Eclipse, Figma, Spyder, Red Hat OpenShift