

Michael Li

Education

- 2019–2023 **Brown University**, *Sc.B, Computer Science and Music*, Providence, RI, *ongoing*.
GPA: 3.89
- 2015–2019 **High Technology High School**, Lincroft, NJ, *SAT: 1590; SAT Math II: 800; Physics: 800*.

Brown University

- Spring 2021 CS0320 Intro. Software Engineering
Spring 2021 MATH0520 Linear Algebra
Spring 2021 APMA1650 Statistical Inference I
Fall 2020 CS0330 Intro. Computer Systems
Spring 2020 CS0160 Intro. Algorithms and Data Structures
Spring 2020 CS0220 Intro. Discrete Structures and Probability
Fall 2019 CS0150 Intro. Object-Oriented Programming

High Technology High School

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|-----------|------------------------------------|-----------|--------------------|
| 2018–2019 | Engineering Design and Development | 2018–2019 | AP Physics C (5) |
| 2019–2019 | Multivariable Calculus | 2018–2019 | AP Statistics (5) |
| 2017–2018 | Digital Electronics | 2017–2018 | AP Calculus BC (5) |
| 2016–2017 | Computer Programming for Engineers | | |

Work Experience

- Feb 2021 **Help Desk Specialist**, *Brown University IT Service Center*.
-present Answered IT help tickets and chats as a member of the ITSC at Brown University.
- Aug 2020 **Website Designer**, *abacus counselling*.
As sole web developer, used HTML, CSS, and JS to design and launch a website for abacus counselling, a startup that provides college advising for students in Sri Lanka.
- Jul 2020 **Website Designer**, *re:Bloom*.
Used React to help design the website for re:Bloom, a non-profit that creates websites for small businesses during the COVID pandemic.
- Feb - May 2019 **Research Intern**, *New Jersey Performing Arts Center*, Newark, NJ.
Intern at NJPAC, performing data entry and analysis of donors and philanthropists for other organizations, creating a database of past and potential donors for NJPAC.
- May - Aug 2018 **Computer Networking Intern**, *QuantHouse*, Secaucus, NJ.
Worked on inventorying and migrating over one hundred server machines between server cages at a data center. Documented the IP address of each machine, as well as the various MAC addresses and other IPs it was connected to, creating a spreadsheet diagramming the network of servers. Helped configure the machines once moved.

Projects

- Nov 2019 **ChordConstructor**, *CS 0150 Intro. Object-Oriented Programming*, Providence, RI.
My term project for first semester. Given a key and roman numeral selected by the user, the program displays the appropriate chord on a treble clef staff, complete with accidentals. The project was written in Java.

Skills

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| Programming | Java, Python, C, x86-64 Assembly, React, HTML, JavaScript, CSS, SQL, \LaTeX , LilyPond |
| Mathematics | Multivariable Calculus, Discrete Mathematics, Probability, Statistics |

Activities

- 2019–present Co-Captain, Brown University Quizbowl Team
2019–present First Violinist, Brown University Orchestra
2018 String Quartet, Grand Prize, National League of Performing Arts
2017–2019 Black Belt, Taekwondo
2016–2019 Co-Captain and President, High Tech Quizbowl Team
2015–2019 Principal Violinist, Bravura Youth Orchestra
2015–2019 Violinist, New Jersey High School Regional and All-State Orchestras