

Zack Nathan

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Education

Dartmouth College

Class of 2022

- Rufus Choate Scholar with a GPA of 3.98
- Major in computer science with a minor in quantitative social science
- Relevant courses taken include Software Design and Implementation, Algorithms, Smartphone Programming, Computer Architecture (citation), Geographic Information Systems, and Data Visualization
- Member of the Tri-Kap fraternity
- Vice President of the club snowboarding team

Upper Canada College

Class of 2018

- Completed the International Baccalaureate Diploma with a score of 41
- Member of Canada's highest ranked Model United Nations team
- Co-President of the Reach for the Top trivia club
- General Proficiency award and Principal's List award in 2016, 2017, and 2018

Employment

Software Development Intern at TouchBistro

Summer 2019

- Patched and repaired broken MySQL databases for hundreds of customers
- Investigated customer experience bugs and wrote detailed reports
- Made contributions to the TouchBistro iPad app, their primary product
- Worked on a team using the agile development process with sprints

Teaching Assistant for CS-10, Object-Oriented Programming

Winter 2019

- Led weekly tutoring sessions, graded exams and labs, and held office hours
- CS-10 is focused on object-oriented programming in Java, while also teaching recursion, multi-threading, basic machine learning, and more

Skills

Computer Programming and Technology

- Proficient in python, Java, JavaScript, R, and MySQL
- Familiar with C, Swift, and Assembly Language
- Design web pages with HTML, CSS, JavaScript, and jQuery
- Built and maintained personal computers for myself, family, and friends