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, minor in quantitative social science (data science)
- Relevant courses taken include Algorithms, Smartphone Programming, Software Design and Implementation, Geographic Information Systems, Data Visualization, and Computer Architecture (citation awarded for excellence)
- Member of the Tri-Kap fraternity
- Vice President of the club snowboarding team

Upper Canada College   Class of 2018
- Completed the IB Diploma with 41 points and an OSSD average of 96 percent
- 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
- TouchBistro is a restaurant POS software company with over 25,000 customers
- I patched and repaired broken MySQL databases for hundreds of restaurants
- 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