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## Experience

- Campus Living UB | **Resident Advisor** *Aug 2018 - Present*
- Serve as a role model to about 600 students, schedule and hold individual meetings
  - Resolve conflicts and host bi-weekly programs to build a strong community in the residence hall
- Computer Science & Engineering UB | **Teaching Assistant - How the Internet Works** *Aug 2017 - Present*
- Organize and conduct weekly experiential activities for over 25 freshmen
  - Lead discussion sections, recitations and evaluate student assignments
- University Honors College | **Student Assistant** *Jan 2018 - Present*
- Perform administrative tasks, manage student files and maintain the office space
  - Support the advisors through time sensitive tasks related to organization and communication
- Computer Science & Engineering UB | **Teaching Assistant - Computer Programming** *Jan 2018 - May 2018*
- Taught the concepts of computer programming in two 2 hour labs with 30 students each week
  - Lead class discussions, answered questions and recorded student progress
  - Evaluated student projects, labs and other assessments for over 100 students

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## Projects

- Interpreter** *Feb 2018 - Apr 2018*
- Constructed an interpreter, using **Python** and **SML**, which could analyze and execute a program line by line
  - Interpreter could perform logical operations on different data types with different scoping, iterate on data structures and execute functions with restricted scope
- HTML Validator** *Oct 2017 - Nov 2017*
- Built a quality assurance program using **C++** to check html files for syntax errors
- Fractal Generator** *Jan 2017 - May 2017*
- Created a **Java** application that generated fractals by taking various inputs from the user
  - Used multi-threading for higher resolution fractals which improved the performance by 15%
- Puzzle Game** *Oct 2016 - Dec 2016*
- Designed a match-three puzzle video game with 5 progressive levels using the Java swing library

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## Leadership

- Computer Science & Honors College | **Peer Mentor** *Aug 2018 - Present*
- Provide a support system for incoming freshmen and closely work with 4 CS majors so they have meaningful involvement in the department and can succeed in their classes and careers
- UB Hacking | **Advertising Team Member** *Aug 2017 - Nov 2017*
- Worked with a team of 10 members through weekly cycles to plan and market the event; increased attendance by 18%
- Residence Hall Council UB | **Vice President** *Aug 2016 - May 2017*
- Worked with a team of 6 members to organize 2 large and 6 small scale events for 800 freshmen in the residence hall
- Child and Adolescent Treatment Services | **Volunteer** *Jan 2017 - May 2017*
- Tutored and organized activities for 25 students in an inner city school for a period of 10 weeks

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## Awards

- George Norton School of Engineering and Applied Sciences Scholarship *Nov 2017*
- UB International Admissions Scholarship *Aug 2016*

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## Education

- University at Buffalo**, The State University of New York
- Bachelor of Science, **Computer Science** | Minor: **Mathematics** *Anticipated May 2020*
- Honors College | **GPA - 3.93/4.00**
- Dean's List** *Aug 2016 - May 2018*