

# LAWREEN LATIF

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## Education

University at Buffalo, The State University of New York, *Advanced Honors College* Expected May 2019  
*Bachelor of Science in Computer Science; Minor in Mathematics*  
Dean's List - Fall 2015 GPA: 3.59/4.00

## Programming Experience

Notes App, **Android** Fall 2018

- Collaborated with 3 other students to make a simple note taking app
- Created the onboarding tutorial and social media sharing functionality

Linear Algebra Project, **Java** Fall 2017

- Code a program that takes matrices as input
- Computes the eigenvalues, eigenvectors and characteristic equations for given matrix

Emerge Website, STEM Journal at UB, **HTML, CSS** Spring 2016 – Present

- Write code with 1 other student to create the website for UB's first student-led STEM journal

Interpreter, **Java, Standard ML** Spring 2017

- Programmed the frameworks of an interpreter, to better understand programming languages and recursions

Master Labyrinth, **Java** Spring 2016

- Collaborated with 3 students to re-create the board game by manipulating data structures
- Utilized test-driven development to learn better programming practices

## Leadership Experience

UB Hacking, **Director** December 2017 – Present

- Lead 7 teams to organize an event that attracts 500+ hackers from UB and other WNY universities
- Utilize a 25k budget to plan for food and activities that help run the event smoothly
- Guide more than 50 volunteers on the day-of to ensure all necessary requirements are fulfilled

Scientista, **Events Chair** May 2017 – Present

- Founded the first student-run STEM Diversity Conference in collaboration with SWE, WiSE, SHPE and oSTEM
- Organize workshops in app development and other technical sectors to give students skills beyond courses
- Hold networking events with professors and community leaders as a resource for our students

School of Engineering and Applied Science (SEAS), **Ambassador** August 2016 – Present

- Present different aspects of the SEAS department, thorough tours, to future students at Open Houses
- Meet with advisory boards to discuss curriculum structures and experiential learning opportunities

UB Design Club, **President** August 2016 – May 2017

- Promoted combination of engineering and entrepreneurship by helping students design personal projects
- Executed workshops on Web Development and 3D Printing with an attendance of 70 students
- Increased club membership from 15 to 60 active students

## Teaching Experience

Freshman Seminar (CSE199), Intro to CS for Non-Major (CSE113), **Teaching Assistant** Aug 2016 – Present

- Teach about 25 students each recitation and guide them through class activities and labs
- Provide insight on course procedures and curriculum at staff meetings in order to improve the course
- Designed 2 lesson plans for the class of about 440 students on Mobile Web and Internet Economy

Career Services, **Peer Advisor** Jan 2016 – May 2017

- Presented workshops to the campus community on various professional development topics
- Critiqued resumes, cover letters and LinkedIn profiles for more than 200 students

## Skills

Programming Languages: Java (Proficient), C++ (Familiar), Python (Familiar), HTML (Proficient), CSS (Proficient)

## Awards

Leaders in Excellence September 2017  
James and Nancy McLernon Superior Scholars Award April 2016  
International Merit Scholarship August 2015