

LAWREEN LATIF

716-416-1572 | lawreenl@buffalo.edu | [lawreenl.github.io](https://github.com/lawreenl) | [linkedin.com/in/lawreenl](https://www.linkedin.com/in/lawreenl)

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

Personal Portfolio, **HTML, CSS, JavaScript** Fall 2015 – Present

- Create a personal portfolio of projects and experiences in order to generate an online presence

Linear Algebra Project, **Java** Fall 2017 – Present

- 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** August 2016 – 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

- Initiated a collaboration with SWE, WiSE, SHPE and oSTEM to organize a Diversity Conference
- 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 resume, cover letters and LinkedIn profiles for more than 200 students

Skills

Programming Languages: Java (Proficient), C++ (Familiar), Python (Familiar), HTML (Proficient), CSS (Proficient)
Spoken Languages: English (Fluent), Bengali (Fluent), Hindi (Conversational)

Awards

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