

Benjamin Michalowicz

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<http://btmichalowicz.github.io>

Education

Stony Brook University, Stony Brook, NY

Expected Graduation: May 2020

- Intended: Bachelor of Science, Computer Science, Applied Mathematics and Statistics
- Overall GPA: 3.38/4.00
- Honors: Campus Grant, Dean's List
- Relevant Courses: Foundations of Computer Science, Systems Fundamentals, Computer Science I, II, III, Classical Physics A, B

Skills/Strengths

- Operating Systems:** Windows (XP, 7, 8/8.1, 10), Mac OS, Ubuntu Linux
- MS Office:** Excel, Word, PowerPoint
- Programming Languages:** Java, HTML, CSS, JavaScript, LaTeX
- Languages:** English (Native Proficiency), French (limited proficiency)
- Percussion (see below)**

Projects:

Rush Hour, Computer Science I Final Project

Summer 2017

- Final Project for the course based on the Rush Hour game online.
- Implemented a command-line based project in Java

Metro Map Maker, Computer Science III Final Project (in progress as of November 2017)

Fall 2017

- Implementing a fully functional application with Java, JavaFX, and a custom framework meant for desktop-based Java applications

Work Experience:

- **Master Yoo's Summit Martial Arts** (December 2015 – Present)
 - 4th degree Black Belt (Master Rank); led classes for all belt levels; taught various levels of curriculum and basic sparring concepts.
- **Private Percussion Instructor** (May-July 2016, July-August 2017)
 - 30/60-minute weekly lessons. Taught drums to students ages 6 to 18; developed hand-coordination, dexterity, proper matched and traditional grip techniques, applications to the drum kit and drum kit dexterity/ambidexterity.

Other experience:

- **Snare Line Section Leader, Stony Brook University** Stony Brook, New York 2017-2018
 - Leadership position: Served as a liaison for new and returning members of the snare-line (within the drum line); ensured preparedness of the section—this includes knowledge of music and procedures for games and other events as well as having equipment ready for said events; maintained lines of contact between new members of the snare-line, and led section rehearsals.
 - Other responsibilities include being able to tune the snare drums belonging to each member of the line and holding sectionals when necessary; this is on a case-by-case basis.
- **Percussionist** (2007-present)
 - Personal Skill: Various genres (classical, rock, jazz, limited proficiency in Latin genres)
 - Proficient in non-melodic orchestral percussion with basic knowledge of tympani and two-mallet percussion.
 - Musical Accolades: Successfully auditioned for the Bergen County High School concert band for the 2015 and 2016 ensembles in non-melodic percussion
 - Proficient in drum kit percussion and its applications to various genres
 - Marching percussion (marching snare and bass drum)