Jason Eveleth

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EDUCATION

Brown University
Providence, RI—Anticipated Graduation 2023

Sc. B. candidate in Math-CS, GPA 3.8

Coursework—Introduction to Object-Oriented Programming and Computer Science, Introduction to Higher Mathematics I, Analytical Mechanics, Existentialism, Applied Ordinary Differential Equations, Introduction to Algorithms and Data Structures, Introduction to Higher Mathematics II, Moral Philosophy.

Extracurriculars—STEMS tutoring program, tutored 2 hours a week at the local high school in various topics in math. Brown Running Club, attended practices and meets. Accepted into NIST SURF intership for the summer of 2020, but it was canceled due to COVID-19.

Albany High School
Albany, NY—Graduated 2019

Advanced Regents Diploma with Honors awarded with Mastery in both Math & Science, and Mathematics, unweighted GPA 99.2

Awards—Valedictorian; The Joseph Lewi Math Award; RPI Medal; Suburban Council Excellence in Leadership Award; Principal's list, every quarter; NYSPHSAA Scholar Athlete, every season; National Honors Society; AP Scholar with Distinction, 10th, 11th, 12th grade, and National AP Scholar 12th grade.

SUNY University at Albany coursework—(High School Junior Year and Rising-Senior Summer). Honors Linear Algebra, Independent Study in Math, Calculus of Several Variables. GPA 4.0.

PROJECTS

Set lines — *Apr 2020* Built an AppleScript program to set fixed character lines in email which uses a python script to take the text of an email being currently composed and turns all the lines into 80 characters long, and pastes it back into the email. Made from scratch.

Dogerater — *Jan 2020 to Present* Working on a Dogerater website started at the hackathon Hack@Brown which allows you to rate dogs based on an ELO system of ranking using html, css, and JavaScript. Coded from scratch. At https://dogerater.github.io.

Minecraft Lighting — *Jan 2020* Built a Java GUI which allows the user to chose which blocks have a light source and calculates how lighting plays out from the light in Minecraft. Made from scratch.

Personal Website — *Nov 2019 to Present* Built a personal website at jasoneveleth.com using html and CSS with one or two JavaScript eventhandlers from scratch.

AI to "beat" Flappy Bird — *Dec 2019* For the course CS0150, created the game Flappy Bird, and a machine learning AI to "beat" Flappy Bird in Java and used a forward propagation neural network to simulate evolution through generations of birds. It also allowed the user to play along side each generation of birds as they got better. All coded from scratch using the JavaFX library.

Tetris — *Nov 2019* For the course CS0150, created the game Tetris in Java. It has functionality to hold a piece and show and up next list (also a key that will make the next piece a line for added enjoyment). All coded from scratch using the JavaFX library.

TrackSplit — *Aug 2019* Collaborated on an iOS application TrackSplit on the app store. It calculates an athlete's expected time at different points along a track.

SKILLS

- Proficient in Java programming language, Python scripting language, LaTeX markup language, Microsoft Office (Word, PowerPoint, Excel), GIMP, iMovie, and Adobe Lightroom.
- Basic understanding of HTML, CSS, JavaScript, bash, and AppleScript
- 3 years of Mandarin Chinese

LEADERSHIP

- Captain for indoor track junior year and for cross country, indoor track, and outdoor track senior year. As Captain, I oversaw much of practice by organizing warmups, building morale, timing meets, and leading over 30 runners each season.
- Captain of Masterminds, Fall 2018 - Summer 2019, organized events and transportation to this monthly, interscholastic, and academic-trivia quiz bowl competition.
- Key Club vice president: organized biweekly meetings for 20 people, advertised for the club and service events, participated in community service, and attended regional meetings. National Honors Society vice president: elected by my peers and organized and attended meetings.