Neil Gabrielson

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	Education	
Northeastern University Candidate for Bachelor of Science in Mathematics Dean's List		Boston, MA Expected May 2027 4.0 GPA
Grad. Algebra I Adv. Group Theory Probability & Statistics	Grad. Analysis I Adv. Linear Algebra Number Theory I	Complex Analysis Differential Equations Dynamics, Chaos, & Fractals
	Number Theory proofs	Budapest, Hungary Summer 2025 and math puzzles for 30h/week of class uided tours and personal exploration
Cape Elizabeth High School High School Diploma Valedictorian		Cape Elizabeth, ME May 2024
	Experience	
Co-authored a 30 page matWrote Python and MATLAReproduced results of previous	hematical research papa. B scripts to simulate/sous models, proposed a	Boston, MA May 2025 – Jun 2025 teractions on the cell membrane per with two collaborators analyze PDE systems, test parameters new model with biological motivation ental biology team at Dartmouth
	onstrating the relations ations with precise feat	Boston, MA Summer 2025 Ship between Mandelbrot and Julia sets cures for exploring function dynamics ne testing
 Knack Peer Tutor Helped peers grasp concept Improved homework/test or 	=	Boston, MA Spring 2025 Algebra and Probability & Statistics star average rating
	Skills	
Computer: LaTeX, MATLAB, Tools/Libraries: NumPy, SciPy		- '

Math: PDEs, Real Analysis, Complex Analysis, Abstract Algebra, Linear Algebra

Interests: Playing Guitar, Reading, Cooking, Visiting Art Museums

Languages: English, Spanish