# Daniel Martynovich

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## EDUCATION

**Rutgers University School of Arts and Sciences - New Brunswick**

Major: Computer Science, Minor: Mathematics      **Aug 2025 Graduation**

- **Relevant Coursework:** Intro to Computer Science (Incl. Java Basics), Data Structures (Incl. Intermediate Java), Computer Architecture (Incl. C Basics), Discrete Structures I and II, Principles of Information and Data Management (SQL+Database Basics), Calculus I - V, Linear Algebra, Physics I and II, Software Methodology, Machine Learning, Intermediate Statistical Analysis
- **Certification and Training:** Udemy SQL Bootcamp Certification, Udemy Flutter & Dart Bootcamp Certification

**Metuchen High School - Metuchen, New Jersey**      **Sept 2017– June 2021**

- **Relevant Coursework:** HTML & CSS, Intro to Python

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## WORK & LEADERSHIP EXPERIENCE

**Nomo SC LLC**      **Metuchen, New Jersey**

*Co-Founder and Co-Developer*      September 2023 - October 2024

- Co-developed a mobile application released on the Apple App Store and in Closed Testing for Google Play Store
- Developed front-end using Flutter framework and Dart programming language
- Implemented back-end functionality using Supabase, utilizing various SQL queries
- Handled notifications using TypeScript functions
- Gained hands-on experience in full-stack mobile app development, from conception to deployment

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**National Honor Society**      **Metuchen, New Jersey**

*Tutor - Mathematics, Physics & Computer Science*      October 2019 - June 2021

- Traveled to students' homes to conduct tutoring sessions.
- Met with parents and guardians on a regular basis to deliver progress reports and discuss areas for further improvement.
- Assisted students in finding useful study methods to enhance academic performance.
- Assessed student progress at each session, making recommendations that increased the effectiveness of tutoring and lesson

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## SKILLS, ACTIVITIES, & INTERESTS

**Languages:** Fluent in English; Fluent Understanding and Moderate Speaking in Russian;

**Technical Skills:** Moderate proficiency in HTML and CSS. Intermediate level understanding of Java and C. Basic understanding of Crystal Language. Intermediate Understanding of Flutter framework and Dart language. Intermediate understanding and implementation of various data structures. Proficiency in SQL with PostgreSQL. Intermediate understanding of databases and their implementation. Basic understanding of typescript functions utilizing Deno and connecting Edge Functions to database Webhooks in Supabase. Experience in mobile app deployment processes for iOS and Android platforms. Basic understanding of UI and UX design.

**Interests**: I enjoy creating basic mobile applications using Google's Flutter framework and learning ways of implementing new widgets within them. I'm also fascinated by new scientific discoveries, particularly ones about our Universe and its Physics.

**Activities:** Creating basic mobile and web applications using Flutter. I'm also a big fan of Swimming, Powerlifting, and optimizing my training routines.