ROY HOUWAYEK
+1 (201) 270-6667 • roy.houwayek@gmail.com

EDUCATION
Rutgers University, New Brunswick, NJ
Bachelor of Science, Computer Science, expected May 2025
GPA: 3.815
Honors: Dean's List (all semesters)
                    Saint Sharbel Maronite Church Scholarship

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EXPERIENCE
Annual Nationwide Hackathon - **2nd Place out of 465 teams**   *April 2022*
- Issued by Nationwide Mutual Insurance Company. Part of a team of 5 that won a $1,500 prize for building "Simplify," a cross-platform mobile app in React Native that tracked user driving behaviors by utilizing regional speed limit data. This application includes education modules for current policyholders to gain incentives for learning about key safety topics, creating a gamification opportunity for home and auto safety education via user leaderboards and photo submissions.

PROJECTS
Drawing Program
- Built a desktop application using Java that allowed users to create and draw images by customizing the color, size, and shape of the cursor strokes.
  (Code can be found here: https://github.com/EternalV2/Drawing-Program)

Calculator Website
- Built a calculator using JavaScript, HTML, and CSS that implements order of operations, negatives, memory, and deletion (In Development)

Weather Forecast Website
- Built a weather forecast website using the National Weather Service Web API that displays temperature, geolocation, and forecast

Android Accelerometer App
- Built an Android application that tracks speed, acceleration, current location, requests user permissions, and allows for multiple degrees of precision
  (Code can be found here: https://github.com/EternalV2/Android-Speed-App)

COMPUTER LANGUAGES
- Java
- JavaScript
- HTML
- CSS
- Android Studio

COURSES
Data Structures • Discrete Mathematics • Linear Algebra

INTERESTS
Reading History/Philosophy Books • Soccer • Strategy Video Games