Nicolas Alonso Froeling

(857) 328-6621 | alonsofroelingn@wit.edu | Boston, MA

LinkedIn

EDUCATION

Wentworth Institute of Technology, Boston, MA   Expected: August 2025

Bachelor of Science in Computer Science   Major GPA: 3.74 || GPA: 3.140

Clubs and Activities: Wentworth Varsity Golf Team, Wentworth International Student Association Club

RELEVANT COURSES

Machine Learning	Algorithms	Data Structures
Operating Systems	Computer Organization	Linear Algebra & Matrix Theory
Network Programming	Multivariable Calculus	Database

SKILLS

Programming languages: Java, C/C++, PHP, Typescript, JavaScript, HTML, CSS, Dart, SQL, Linux, R

Software: Visual Studio Code, Eclipse, Next.JS, Laravel, AngularJS, Firebase, Flutter, ThreeJS, Figma, PlanetScale

Languages: Fluent Spanish, Fluent Dutch, Fluent English, Limited working proficiency German

EXPERIENCE

Full stack developer | 7 Indoor Golf   June – August 2023

- Led the development of a dynamic website for a state-of-the-art indoor golf facility, featuring an array of advanced functionalities such as real-time reservation systems and online tournament management.
- Utilized cutting-edge technology stacks including Next.js and TypeScript to craft a responsive and highly performant frontend, while also engineering a robust and secure backend.
- Effectively harnessed the power of Prisma as the primary ORM (Object-Relational Mapping) tool, seamlessly integrating it with Planet Scale to create a scalable and efficient database infrastructure.
- This project not only demonstrated technical prowess but also showcased an ability to deliver a comprehensive and user-friendly platform for golf enthusiasts, enhancing the facility's customer experience and operational efficiency.

Mobile app developer | Escuela Técnica de Golf   June - August 2022

- Developed and maintained the backend of a multipurpose mobile application using PHP and Laravel.
- Utilized Laravel's built-in tools to handle user authentication, database management, and API routing.
- Implemented various features such as push notifications, image uploads, and data analytics.
- Collaborated with the front-end development team to ensure seamless integration and efficient data flow.

PROJECTS

Software To Feel United | Network Programming   August - December 2022

- Developed and implemented a group chat web application using PHP Laravel for the backend and React for the frontend.
- Utilized MySQL Workbench for database management and relationship modeling between users, groups, and messages.
- Implemented user authentication and authorization for creating and managing personal and group chat rooms.
- Built API routes for seamless communication between the frontend and backend.
- Developed features such as group creation, member management, and real-time messaging.
- Collaborated with my front-end development partner to ensure seamless integration and efficient data flow.

Password Manager | Computer Organization   January – April 2022

- Developed desktop password manager application in Java and JavaFX with encryption for secure local storage.
- Utilized Java programming skills to ensure functionality and security.
- Implemented user-friendly interface for easy password management.