

Daniel Barocio Valdez

danybarociov@gmail.com
+55 646 1992149

github.com/Clanie1
linkedin.com/in/daniel-barocio

EDUCATION

CETYS University
Bachelor of Software Engineering

Expected June 2025
GPA: 9.9/10

WORK EXPERIENCE

BAJA CODE

November 2022 - Present

Junior Software Engineer

- Developed a Windows Service and an API to process and register the data of XML files, using technologies like Dotnet, Entity Framework, and Microsoft SQL Server.
- Developed an assets management web application using React, Styled Components as the UI library, Dotnet for the backend, and a Microsoft SQL Server.
- Worked with the SCRUM methodology in the development of the projects and learned how useful it is to have a daily team follow-up.

OmegaUp

December 2022 - Present

Junior Web Developer volunteer

- Developing a web page for the “Olimpiada Femenil Mexicana de Informática” that implements user authentication, a mentor assignment system, a calendar with upcoming events, among many other features.
- Working hand to hand with many other volunteers with excellent team work.
- Developing using Next.js, Tailwind as the UI library, tRPC as a backend library, and Prisma as an ORM to improve the developer experience.

DAVIS UNIVERSITY DATA SCIENCE

December 2022 - Present

PhD project of filtering and cleaning data for an easier analysis on custom records

- Implemented a python algorithm using Pandas library that cleans US customs records in search of used cars crossing the frontier since 2005.
- Developing an executable (.exe) tan can clean future data generated every month.
- Working hand to hand with a PhD student in the university of Davis, California in a research that compares the amount of cars being sold versus the used cars that are being imported.

EXTRACURRICULAR

WE CAN CODE HACKATHON

November 2022

Winner of the regional hackathon hosted in Ensenada, Baja California

- Developed a web application that helps the community find lost dogs. It implemented a clean user interface, a map where lost dogs could be announced and a system of sightings for the community to help locate their lost animals.
- Developed with Next.js, Mantine as the UI library and the T3 stack: tRPC as a backend library, and Prisma ORM to improve the developer experience.

ADVANCIO HACKATHON

October 2022

Winner of the hackathon hosted by ADVANCIO

- Developed a web application for the difusión and exposure of college events using React. It implements user authentication, a beautiful user interface made with Mantine UI, Node.js for the backend, and a PostgreSQL database.
- Improved my use of Git and Github using Branches and Pull Requests

CETYS ONE

February - June 2022

E-commerce app for the improvement of the food services in CETYS University

- Developed with React Native and used Native-base as the UI Library. It included complex animations, user-friendly UI, and a completely functional order administration system.
- Implemented backend using a RESTful API based on Node.js, Express.js, MongoDB and, Strapi CMS
- Awarded with first place at CETYS Expo Engineering Fair

SKILLS

PROGRAMMING LANGUAGES

1.5 years: JavaScript, React
1 year: Python
6 months: Typescript, Dotnet,
C#

TECHNOLOGIES

Node.js, Express, React, Tailwind, JavaScript,
Typescript, Python, Git, Github, Insomnia,
MongoDB (NoSQL), SQL, mySql, Vs code, Java,
HTML, CSS, Linux, React router, Axios, Nodemon,
Dotnet, C#.

AWARDS

1st Place team at the CETYS Expo Ingeniería (2022)

State 1st place in the Math Olympiad (2018)

1st Place team at the We Can Code Hackaton (2022)