Edwin Anzures

Mathematician

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About me

I am Edwin Anzures. I am interested in mathematics, programming, and the computational implementation of mathematical models. During my years of education I had the opportunity to fully engage in the study of highly abstract yet applicable mathematics. For instance, I worked on topics such as Partial Differential Equations, computational implementation of the Finite Element Method for differential equations, Probability, and Stochastic Processes.

I consider myself a well-read person, but I am always looking for something new outside my comfort zone. I hold self-imposed high-quality standards in multiple dimensions of my life.

Languages

- 🇲🇽 Spanish ●●●●●
- 🇺🇸 English ●●●●○

Soft Skills

- 📢 Leadership
- x^2 Problem-solving
- 👥 Teamwork
- 🖌 Creativity

Hard Skills

- </> Programming skills in R, Matlab and Python, LaTex

Work Experience

2020-2023 **Teaching Assistant**   Universidad Nacional Autónoma de México (UNAM)
Grade homework assignments as well as prepare recitation lectures of several courses including: Partial Differential Equations, Advanced Topics in PDE's (Elliptic Equations), Group and Ring Theory and Galois Theory

•I cemented the theoretical understanding of abstract objects through mathematical rigor. Among the material covered we find topics such as vector spaces, groups, convergence of sequences, function optimization and integration theory.

Education

2023 **Graduate studies in Mathematical Sciences**   Universidad Nacional Autónoma de México (UNAM)
Graduated with honors, 97/100 average score.
•General examinations: Real and complex analysis, differential geometry and PDE's

2020 **Undergraduate studies in Mathematics**   Universidad Nacional Autónoma de México (UNAM)
Graduated with honors , 99/100 average score.

Scientific Divulgation Endeavors

2021 **Impartí una conferencia divulgativa titulada "Matemáticas en contexto: Un vistazo a las aplicaciones del álgebra y del cálculo"**
Colegio de Bachilleres del Estado de Hidalgo

Awards and Recognitions

2018 **Beca para participar en la XV Escuela de Verano en Matemáticas en la Unidad Cuernavaca del en junio**
Instituto de Matemáticas de la UNAM

2019 **Beca para asisitir al Seminario Itinerante de teoría de representaciones CCM-FC-IM UNAM**
Institute de Matemáticas de la UNAM, Sede Oaxaca de Juárez

2020 **Beca de titulación otorgada por la UNAM dentro de proyecto UNAM-DGAPA-PAPIIT IN100718**
Instituto de Matemáticas de la UNAM