

Jonathan Eliah Amdam



- jonathan@amd.com
- +47 92357571
- 11.03.2004
- Norwegian

About me

Born in Norway and raised in Spain, I have been lucky enough to meet people from all walks of life, learn a whole range of languages, and make friends from all over the world. My analytical and problem-solving mindset pushed me to pursue a degree in Computer Engineering, while my passion for helping youth made me a youth leader at the Norwegian Church in Stockholm and a private teacher for students all over Norway.

Languages

Norwegian	●	●	●	●	●
English	●	●	●	●	●
Spanish	●	●	●	●	●
Catalan	●	●	●	●	●
Swedish	●	●	●	●	●
French	●	●	●	●	●

Programming Experience

React / TypeScript / Node.js
Python / Java / Elixir

Awards

Catalan High School Excellence Award is an award where all students with a grade average above 88% after High School are invited to compete for university scholarships and language courses. Out of the thousands that participated I was one of 50 students to receive this award in 2022.

EXPERIENCE

Summer 2024	Equinor SOFTWARE ENGINEER Led and collaborated with a team of developers to successfully redesign and enhance the user interface of a Model Predictive Control (MPC) tool, significantly optimizing the control and precision of specialized machinery. Spearheaded the front-end development, delivering creative, out-of-the-box solutions that reimagined the interface which improved operational efficiency.
2024-Present	MentorNorge TEACHER As I private teacher focus on helping especially vulnerable and struggling students find joy in Mathematics and give them a sense of mastery of the subject.
Summer 2023	Red Cross Norway FUNDRAISER As a door-to-door Fundraiser, I engaged directly with individuals at their doorsteps, honing my skills in effectively communicating the Red Cross's mission. These interactions strengthened my ability to articulate the impact of our initiatives on the community. Success in this role demanded unwavering conviction in the cause, as well as resilience and perseverance in the face of frequent rejection and challenging circumstances.
2022-2024	Norstat MARKET RESEARCHER As a market researcher at Norstat I was responsible for the collection of high quality data from the Norwegian population to create polls on the public opinion on topics like companies, politics and current affairs. It is a position where my creativity and engagement with strangers is challenged and I had to perform reliably in contact with a wide variety of demographics.

EDUCATION

2022-2025	KTH Royal Institute of Technology BACHELOR OF ENGINEERING - COMPUTER ENGINEERING Coursing my last year of my degree, I have focused on developing my skills in mathematical analysis, modeling, and problem-solving. The degree has also provided a wide range of practical experience with different programming languages and paradigms.
Autumn 2024	EPFL Swiss Federal Institute of Technology Lausanne ERASMUS EXCHANGE PROGRAMME Special focus on Machine Learning and Software Engineering
2020-2022	Institut Moisés Broggi INTERNATIONAL BACCALAUREATE Subjects taken at higher level were Math AA, Physics, English B and at standard level, Chemistry, Spanish A, History. Extended essay written in Biology on the neurochemical changes produced by screen addiction.

Hobbies & Interests

Handball goalkeeper at IK Bolton playing in the Swedish second division. This includes the development of both technical and physical skills for my position, dedicating around 10-12 hours per week.

FPV drone piloting involves everything from assembling a drone from scratch by acquiring parts, soldering, programming and learning to pilot.

VOLUNTEERING

2024–Present	Association of Norwegian Students Abroad NATIONAL BOARD As the Information Delegate for ANSA Sweden I coordinate ANSA's activity in Sweden, facilitating communication between the central office and local teams and informing incoming students about the Swedish educational system, events and gatherings organized by ANSA teams, and managing daily life in Sweden
2023–Present	Sjømannskirken i Stockholm YOUTH LEADER Outside of my studies and work, I have become deeply involved in my local church. I currently serve as the Youth Leader at Sjømannskirken in Stockholm, where I help coordinate activities and foster engagement among adolescents. It's something I find very meaningful, as someone who has lived abroad much of my life, I am well acquainted with the feeling of being alone in a new place. My mission is to expand the church's youth group, creating a welcoming and secure space for children and adolescents to connect when they arrive in a new country
2022–2023	Association of Norwegian Students Abroad STOCKHOLM BOARD As part of the ANSA Stockholm team I took part in creating events and gatherings for Norwegian students in Stockholm, providing a safe and inclusive space for students arriving to a new country.
2020–2021	Institut Moisés Broggi ENGLISH TEACHER Many first-year students at my high school were first-generation immigrants from South America who lacked the resources to catch up to their classmates in various subjects. I volunteered weekly as an English tutor, creating a dynamic and supportive learning environment. Through this role, I got to know a small group of students personally and helped them improve their English skills and integration into the school community.
2020–2021	Fundació Banc dels Aliments FUNDRAISER "El Gran Recapte" is an annual charity event in Catalonia where volunteers support the Food Bank Foundation (Fundació Banc d'Aliments) in collecting food for those in need. I had the opportunity to assist my community, particularly those hardest hit by the COVID-19 pandemic, by volunteering in this essential initiative.

COURSES

2020–2021	Introduction to Quantum Computing THE CODING SCHOOL An introduction to linear algebra, coding with Qiskit, quantum mechanics, quantum algorithms, and the applications of quantum computing. These classes were instructed by PhD students at MIT and organized by IBM Quantum and Qubit by Qubit.
2019–2020	Fundamentals of Neuroscience I, II, III HARVARDX - EDX PLATFORM A three-part series delving into the structure and function of the entire nervous system. This includes the electrical properties of individual neurons, how neurons pass signals to each other and an exploration into the physiology of functional regions of the brain.