Alba Navarro Rosales

learn. explore. create.

Computer Science student at the University of Cambridge interested in Software Engineering, App and Web Development, Interaction Design and UX.

Links

alba.navarro.ros@gmail.com
albanr.com
github.com/Alba-NR
linkedin.com/in/alba-nr/

Education

BA (Hons) Computer Science –
Newnham College, University of Cambridge
October 2019 – present. *(Graduation year: 2022)*

Relevant courses:
- Interaction Design
- Object Oriented Programming (Java)
- Foundations of Computer Science
- Discrete Mathematics
- Mathematical Methods
- Algorithms
- Software and Security Engineering
- Introduction to Graphics
- Databases

A-Levels and IGCSEs –
The British School of Córdoba
September 2004 – June 2019

A-Levels: A*A*A*A*A*B - *Computer Science, Mathematics, Further Mathematics, Physics, Spanish, Art and Design.*
- *AWARDS: CIE Highest Grade in Spain for Computer Science and Physics AS Levels (June 2018).*

IGCSEs: 7 A*s, 3 As.
- *AWARDS: CIE Highest Grade in Spain for Co-ordinated Sciences IGCSE (June 2017) and CIE High Achievement for Music IGCSE (June 2016).*

Projects & Experience

Personal website: albanr.com *(March 2020)*
Created my own website using HTML and CSS. Code here (GitHub). Looking forward to learning more about front-end development with JavaScript and React, considering the importance of UX in this field.

Hack Cambridge Hex – Head of Design *(April 2020 - present)*
Head of Design for the sixth edition of Cambridge's biggest hackathon. Creation of brand, logo, and web design. Member of the development team.

Participated in Google Hash Code 2020 *(February 2020)*
Presented a solution to a software engineering optimisation problem using Python. Finished 2218 out of 10724 globally. Code here (GitHub)

Relevant coursework:
- *UX data gathering, requirement analysis, and designing a lo-fi prototype for a mobile weather app (Interaction Design)*
- *Implementation of several sorting algorithms as well as algorithms on data structures in both Java and Python (Algorithms course)*
- *Designed a brand's webpage and app UI for my final art A-Level project.*

Skills

Programming
Python
Java
HTML
CSS
OCaml

Tools
Git & GitHub

Languages

English
Spanish
French - *DELF B2 91% (Feb 2019)*

Other Skills

Art and Graphic Design –
Illustrator for the Cambridge University Varsity Newspaper. Experience using Adobe Illustrator and Adobe Photoshop.

Scout – Team and leadership skills. Experience in developing and conducting team projects. Tackling new challenges, problem solving. Perseverance.

Debate – Successfully participated in academic debate tournaments. Analytical and critical thinking, good communication skills and teamwork.

Music – Creativity and dedication. **Professional Music Qualification for Flute** (Professional Music Conservatoire, Córdoba- September 2009 – June 2019)

Badminton – Newnham team player for the intercollegiate league.

Volunteered at Hack Cambridge 101 (January 2020)