

Nicolás Bello Lugo

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Professional Profile

B.Sc. System and Computing Engineer graduate and student waiting for ceremony of the Masters in Information Security at the Universidad de Los Andes. Interests are mainly oriented towards web development, data analysis, creation of dashboards, and improvement of UI and UX. Has knowledge of various programming languages, systems and data analysis, and planning and development of technology solutions; and has experience in multidisciplinary group work to develop software projects, web applications. Skilled in handling pressure situations with specific times, with the ability to work as a team, fast learner of new technologies, and to lead a team towards a goal.

Education

Universidad de Los Andes, Bogotá D.C

- Masters in information security *January 2021 – December 2022 | GPA 4.33/5.0*
- Computer and Systems Engineering *August 2016 – December 2020 | GPA 4.1/5.0*

Work experience

BI Analyst – Amazon Customer Service (CSBI)

February 2021 – March 2023

Technologies used: AWS, S3 Buckets, React JS, Plotly, TypeScript, JavaScript, HTML, Redux, Adobe XD

- Participate in the development of a customizable dashboarding tool (OMNI) for Data visualization in React JS. Supporting the management and performance overview of over 500+ teams within Amazon Customer Service.
- Created different dashboards to visualize data based on Plotly charts that let the user customize the dashboard and display the most important metrics for each user. The dashboards are used by over 630+ users daily.
- Participated in the development of a component, and graphing library for React development within the organization.
- Created features based on user requests, the process included the creation of prototypes with Adobe XD, to create demos to measure user experience and usability.

Achievements

- Increase the number of users for our web dashboard from 150 daily to 450 daily over 3 months through presentations and meetings with the users.
- Design, developed and deploy a new feature of Bookmarks within 3 weeks to improve the user experience.
- Manage to code and deploy changes weekly to maintain the web with the latest features.

Graduate Assistant – Universidad de los Andes

June 2021 - December 2022

Technologies used: Azure, TypeScript, JavaScript, HTML, CSS, React JS, Mongo

- Creation of a web application based on React JS to support the counseling and college life for 5000+ engineering students and teachers.
- Experience in Agile methodologies for development and SCRUM in a development team.

High School Programming Teacher – Colegio los Nogales

January 2021-December 2022

Technologies used: Java, Python, HTML, JavaScript

- Taught Introduction to Java Programming, and AP Computer Science A classes for students in 10th and 11th grade.
- Created the Programming Club for students of all grades to learn programming in any language.

Undergraduate Research Assistant – Universidad de los Andes

January 2020-December 2020

Technologies used: Python, Pyodide, JavaScript, HTML, CSS, React JS, Mongo

- Developed and maintain of a web-based tool for common mistakes, and tips in python programming for the 1000+ students.
- Participated in the development of a massive open online course for Python programming in Coursera with 17,000+ students.

Courses and seminars

MOOC Course Diploma “Introducción a la programación en Python1: Aprendiendo a programar con Python”. Pontifica Universidad Católica de Chile, 2019

Others

Languages: English (100%) TOEFL 112/120 | Portuguese (65%) CELPE-BRAS Intermediate | Japanese (40%) JLPT N5 Approved

Technical Skills:

- Programming Languages: Java, Python, Visual Basic
- Web Developing: HTML, JavaScript, TypeScript, React JS, CSS, Node JS, plotly, Adobe XD
- Design: Adobe XD, Adobe Photoshop, Adobe Illustrator
- Data Analysis: Pandas, Matplotlib, Python, Excel
- Database Management: MySQL, Oracle SQL, PostgreSQL, MongoDB, Firebase
- Other skills: Git, Linux OS

Social:

Voluntary Social Work. Best Buddies Foundation. 2015-2016