

Juan Felipe Méndez Peralta

Bogotá D.C., Colombia

Education [Universidad de Los Andes](#) (07/2014 – Present)

- Systems and Computing Engineering (BSc. student)
- Industrial Engineering (BSc. student)
- Expected graduation: Spring 2021
- International Exchange Student at [Lund University](#), Sweden (08/2019 – 01/2020)
- Computer Science and Engineering
- Relevant courses: [EDAN 95 – Applied Machine Learning](#)

Personal Information

Email: mendezjuanfelipe7@gmail.com
Github: [jfmendez11](https://github.com/jfmendez11)
Languages: Spanish (Native)
English (Fluent – C1)
Website: <https://jfmendez11.github.io/>
LinkedIn: <https://www.linkedin.com/in/jfmendezp/>

Professional Profile

Systems and Computing Engineering and Industrial Engineering Senior Student in Universidad de Los Andes. Interested in full-stack software development, projects related to technologies in organizations, machine learning, finance and FinTech. Knowledge in design and development of web and mobile applications, Machine Learning, data analysis, finance and technologies in organizations. Skillful time management, experience working with agile methodologies, ease for teamwork, ability to analyze problems, work under pressure and eager to learn new technical and soft skills.

Skills

Web frameworks:

- Back-end: NodeJS (Advanced)
- Front-end: ReactJS (Advanced)

Databases:

- Relational: MySQL, SQL Server, PostgreSQL (Advanced)
- NoSQL: MongoDB, DynamoDB, Firebase (Advanced)

Programming languages:

- Java (Advanced)
- JavaScript (Advanced)
- Python (Intermediate)
- HTML and CSS (Advanced)
- MATLAB (Intermediate)
- R – (Intermediate)

- Swift – iOS (Intermediate)

Machine Learning:

- Keras and SciKitLearn (Intermediate)
- Convolutional Neural Networks, Recurrent Neural Networks, LSTM Networks, Bayesian Learning, Reinforcement Learning

Other Skills:

- AWS (Intermediate)
- Knowledge in corporate and quantitative finances
- Applied probability, statistics, optimization and operations research for data analysis.

Work Experience

Freelance (2018 – Present): Help develop initial software for different startups: Muvsic and [suira.co](#). Muvsic was a social network for musicians. Worked as a front-end developer using ReactJS for 2 months. suira.co is the second version of Muvsic. Developed initial database model (NoSQL), initial RESTful backend with NodeJS and a preliminary version of mail service using Simple Email Service (SES) from AWS and NodeJS. Currently working on a platform to resell tickets for concerts and sport events in Colombia. Helped Neiva's University Hospital build a web application where they can keep a record of their indicators and register new ones.

Teaching Assistant: [Universidad de Los Andes](#), Bogotá D.C., Colombia (July 2015 – May 2018)

- **Course: Object-Oriented Programming I:** Aid students solve theoretic and practical issues related to object-oriented programming. Help students strengthen technical and analytical skills. Assist teacher with the course labs and grading different course tasks.
- **Course: Enterprise Architecture:** Aid students solve theoretic and practical issues related to enterprise architecture. Help students understand the importance of the IT architecture in companies. Assist teacher with the course labs and grading different course tasks.

Projects

Coltix-auctions

February 2018 – April 2018

- Web application to resell tickets for concerts and sport events in Colombia (currently working on second version). Users auction their tickets and the highest bidder gets “matched” with the seller.
- Used technologies: NodeJS, MeteorJS, MongoDB

Supervoices

January 2019 – May 2019

- Web application for the course Development of Cloud Solutions: Built an app for companies to create contests and chose the voices for their commercials. Contestants will submit their audio; the audio gets transformed to .mp3 format and the company choses a winner. The app was deployed on AWS and later on Heroku.
- Used technologies: NodeJS, ReactJS, Python, MongoDB, AWS, Heroku.

Muvsic

March 2019 – May 2019

- Web application developed in a team of 3. Social network for musicians. Designed front-end and transitioned from Ruby to React.
- Used technologies: ReactJS

Suira.co

June 2019 – September 2019

- Web application, second version of Muvsic: social network for creative industries. Developed initial database model (NoSQL), initial RESTful backend with NodeJS and a preliminary version of mail service using Simple Email Service (SES) from AWS and NodeJS.
- Used technologies: NodeJS, SES, AWS, MongoDB

TuristApp

January 2020 – May 2020

- Mobile application for the course Software Engineering for Mobile Applications: Built an iOS app using Swift programming language, for tourists in Bogotá. Users can search and discover places around them in Bogotá, they can plan a route to tour the city and start the route, translate from their native language to Spanish and use a Forex calculator from COP to their desired currency, all without internet.
- Used technologies: Swift, Firebase, XCode, Google Maps SDK, Google Places SDK

Neiva's University Hospital Indicator Register

March 2020 – May 2020

- Web application developed in a group of two. Built a web application for Neiva's University Hospital, which allows the hospital to keep a record of their indicators. Indicators are registered by users which have permission to modify that indicator. If they don't have a permission, they can request one to the administrator. The app allows users to observe the historic change of the indicator graphically.
- Used technologies: NodeJS, ReactJS, MS SQLServer

Other

Basketball high school player (2008 – 2011), Rugby high school player (2011-2013), Bass player at Nightrise (2007 – present)