

Xavier Borja

Programmer

 xavierlborja@gmail.com

 (224) 723-2202

 Arlington Heights, Illinois

 linkedin.com/in/xavier-borja

 github.com/Pr0x1mo

EDUCATION

A.S.

Mathematics/Computer Science

Eastern Florida State College

 2008 - 2010

 Melbourne, FL

SKILLS

JavaScript

Node.js

Python

SQL, Oracle, .NET, SOAP

REST APIs

Angular.js

React.js

Object-Oriented Programming

C#

C++

R

Artificial Intelligence w Python

Machine Learning

Certifications:

Differential Equations: Linear Algebra and NxN Systems of Differential Equations issued by MIT

Introduction to Linear Models and Matrix Algebra issued by MIT

Computer Science issued by Harvard University

Computer Programmer /Operator/Systems Engineer issued by Harvard University

Artificial Intelligence with Python issued by Harvard University

Computer Science for Artificial Intelligence issued by Harvard University

Statistics with R issued by Harvard University

React.js, SQL Server Machine Learning w Python, C#, C, C++ R, Node.js, Power BI, SQL, LINQ, Machine Learning, Python Automation Issued by LinkedIn

CAREER OBJECTIVE

20 years SQL Database Administrator with experience in managing and maintaining complex database systems. Skilled in designing, implementing, and troubleshooting SQL databases for a variety of applications. Skilled in writing applications in C#, VB.net, Java, R, F, and Python. Web-Scraping and Web-AutoForm-Filling. Import/Exporting Data using SQL, SSIS packaging. Also versed in web-based language's: Javascript, PHP, CSS, Node.js, Angular and Rest API's.

WORK EXPERIENCE

Programmer

Resurgence Legal Group

 July 2018 - current

 Bannockburn, IL

- Integrated MSSQL with our collection software to automate import/export of data to later leverage for data analysis using R
- Coded programs that replicate functionality of Adobe and Foxit to either merge/split, rearrange and auto sign where signatures needed
- Coded applications to take aforementioned pdfs/legal documents and auto-upload them to websites using Node.js
- Coded applications with python to webscrape for data & census info
- Written programs that have automated accounting, paralegal and docketing departments

Programmer

McDonalds

 March 2018 - July 2018

 Chicago, IL

- Developed SSIS packages to automate data import to SQL server for report generation on specific dates.
- Automated a department of 20 accountants using R, C#, Excel.
- Coded Job procedures to occur on daily task schedules to combine, append, update data tables and later export to individual excel workbooks for report viewing.
- Translated and converted many programs written in VBA macros code to C# programs and applications.

PROJECTS

Web-filling, Web-scraping, Email Scraper

Creator

- Built various web bots to auto-fill-forms and upload data using Puppeteer, node.js, and javascript. This replaced the necessity of a 20 personnel team to a program and reduced the work load from one week to a matter of seconds
- Built an application using C# that replicates all the functionality of adobe or Foxit. It could OCR, convert images to text, merge, split, rearrange pages, and used machine learning to find where signatures needed to be placed.
- Built python bots to webscrape for data such as zip codes, median income, stock market prices, transunion data of credit scores, etc.
- Coded an Email Scraping bot in C# to scrape emails by subject, body to identify attachments needed to be downloaded, re-named and moved to appropriate folders and later uploaded to SQL and software.

Xavier Borja

Programmer

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 Lake Forest, Illinois

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R

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React.js, SQL Server Machine Learning w Python, C#, C, C++, R, Node.js, Power BI, SQL, LINQ, Machine Learning, Python Automation Issued by LinkedIn

WORK EXPERIENCE Continued...

Programmer/SQL Administrator

Addison Group

 May 2016 - April 2018

 Chicago, IL

- Microsoft SQL Server, Access, Powerquery
- Database maintenance; importing, dropping and updating tables daily.
- Complex queries, creating forms, writing SQL & VBA macros for both Access, Excel
- Experience developing Access databases and applications for data transformation for Engineering firm.
- Background in table design, report design, and automation utilizing VB modules, dot net, C

Programmer/SQL Administrator

First Midwest Bank

 June 2014 - Feb 2016

 Chicago, IL

- SQL administrator; Converted access data warehouse to Microsoft SQL Server
- Running queries in archival databases and exporting them to excel using R to search for patterns in suspicious behaviors for fraudulent activities.
- Working in tandem with fraud department as a supervisor giving reports that I generated using excel/macros & Access to identify clients behavior and structural operation of how money is sent out; amounts, times, domestic or international, frequency and purpose.
- Importing SDF files using an FTP system to transfer Coded macros and making excel sheets to automate research, fraudulent behaviors & opening and closing procedures.
- Tested software for errors and documented issues for disaster recovery scenarios
- Responsible for balancing our general ledger accounts using SQL & R that I created
- Responsible for research and queries when audited.
- Wrote and updated training manual for new hires to use our software.

Web Developer

Florida Institute of Technology

internship

 2010 - 2013

 Melbourne, FL

- Maintained Nanotechnology website for Professors in the chemical engineering department

SQL Administrator

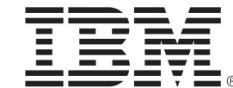
Regions Bank

 2004 - 2006

 Miami, FL

- SQL administrator
- Creating multiple job procedures and functions
- Executing and automating SQL server job agents to perform tasks on a scheduled basis
- Exported data from Server for data analysis and monthly/quarterly predictions.

Verified Certificate



This is to certify that

Xavier Borja

successfully completed and received a passing grade in

DB011EN: Introduction to SQL

a course of study offered by IBM, an online learning initiative of IBM.

A handwritten signature in black ink, appearing to read "Rav Ahuja".

Rav Ahuja

AI and Data Science Program Director

IBM



Verified Certificate

Issued May 25, 2023

Valid Certificate ID

[6188e477c6904410b527bd26cfb2ec00](#)

Verified Certificate

HarvardX



Rafael Irizarry

Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

Xavier Borja

successfully completed and received a passing grade in

PH525.2x: Linear Models and Matrix Algebra

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate
Issued January 7, 2022

Valid Certificate ID
[ab7ae3be6c1e4b03bdbce65fec7fcbec](https://courses.edx.org/certificates/ab7ae3be6c1e4b03bdbce65fec7fcbec)

CS50 Certificate

CS50 congratulates

Xavier Le Paul Borja Jr

on completion of CS50x,
including ten problem sets,
ten labs, and one final project.

Awarded from Cambridge, Massachusetts,
in the year two thousand twenty-one.

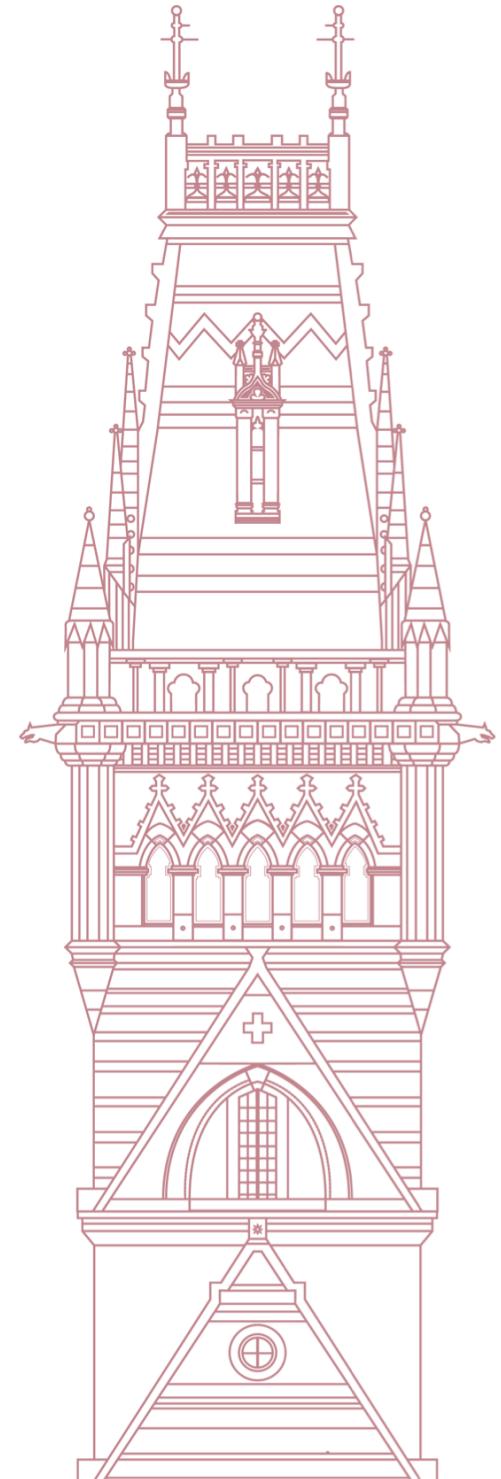


David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/3adaa88a-a1ba-42b6-8b45-78b0d139c324>



Professional Certificate

This is to certify that

Xavier Borja

successfully completed all courses and
received passing grades for a Professional
Certificate in

Computer Science for Artificial Intelligence

a program offered by HarvardX, in collaboration
with edX.

HarvardX



David J. Malan

Gordon McKay Professor
of the Practice of Computer Science
Harvard University



PROFESSIONAL CERTIFICATE
Issued April 2022

VALID CERTIFICATE ID
3537f1bc3fb4de690eebc82f9a2f5db

Verified Certificate



This is to certify that

Xavier Borja

successfully completed and received a passing grade in

PH525.1x: Statistics and R

a course of study offered by HarvardX, an online learning initiative of Harvard University.

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Rafael Irizarry

Professor of Biostatistics

Harvard T.H. Chan School of Public Health



Verified Certificate

Issued April 23, 2022

Valid Certificate ID

8d4e23af66424f56a9ad21fc4d41e5c4

Verified Certificate



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David J. Malan

Gordon McKay Professor of the Practice of Computer Science

Harvard University

This is to certify that

Xavier Borja

successfully completed and received a passing grade in

CS50AI: CS50's Introduction to Artificial Intelligence with Python

a course of study offered by HarvardX, an online learning
initiative of Harvard University.



Verified Certificate

Issued April 22, 2022

Valid Certificate ID

58b5d407d02b4c1293eba6ac8cf92a02

Verified Certificate



This is to certify that

Xavier Borja

successfully completed and received a passing grade in

**18.033x: Differential Equations: Linear Algebra
and NxN Systems of Differential Equations**

A handwritten signature of David Jerison.

David Jerison

Professor of Mathematics

Massachusetts Institute of Technology

A handwritten signature of Sanjay Sarma.

Sanjay Sarma

Vice Provost for Open Learning

Massachusetts Institute of Technology

Verified Certificate



A handwritten signature in black ink.

David J. Malan

Gordon McKay Professor
of the Practice of Computer Science

Harvard University

This is to certify that

Xavier Borja

successfully completed and received a passing grade in

CS50x: CS50's Introduction to Computer Science

a course of study offered by HarvardX, an online learning
initiative of Harvard University.



Verified Certificate

Issued December 31, 2021

Valid Certificate ID

29b6b460fe27440fb2e6c1566d85d41c



LinkedIn LEARNING

Certificate of Completion

Congratulations, Xavier Borja

Applied Machine Learning: Foundations

Course completed on Jul 15, 2021 at 01:05AM UTC • 2 hours 38 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: ARmiHw9pvdaotPBNqITJkdYtsASV



LinkedIn LEARNING

Certificate of Completion

Congratulations, Xavier Borja

C#: Collections

Course completed on Jun 13, 2021 at 02:20PM UTC • 1 hour 12 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Certificate of Completion

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C#: Delegates, Events and Lambdas

Course completed on Jun 14, 2021 at 02:48PM UTC • 1 hour 9 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Congratulations, Xavier Borja

C#: Interfaces and Generics

Course completed on Jun 18, 2021 at 02:27AM UTC • 56 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Congratulations, Xavier Borja

Learning C#

Course completed on Jun 11, 2021 at 03:45PM UTC • 3 hours 5 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Certificate Id: Aa1jlAcECyxDnBrYLKoixLkczo__



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Certificate of Completion

Congratulations, Xavier Borja

LINQ with C# Essential Training

Course completed on Jun 16, 2021 at 12:40AM UTC • 1 hour 36 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Certificate Id: ATBslpN-gPobQn4-gmcYVIUVbGsM



LinkedIn LEARNING

Certificate of Completion

Congratulations, Xavier Borja

Node.js Essential Training

Course completed on Jun 21, 2021 at 01:28AM UTC • 1 hour 53 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink that reads "Dan Boden".

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Certificate Id: AeDSzyan05MeOql3gFOAa9DM_khk



LinkedIn LEARNING

Certificate of Completion

Congratulations, Xavier Borja

Power BI Essential Training

Course completed on Aug 05, 2021 at 02:43PM UTC • 3 hours 20 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Sunnyvale, CA 94085

Certificate Id: AdGQUnX4p_IdBgyV3oWRqy8MIIw2



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Certificate of Completion

Congratulations, Xavier Borja

Program Databases with Transact-SQL

Course completed on Jun 23, 2021 at 03:36AM UTC • 2 hours 41 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Sunnyvale, CA 94085

Certificate Id: AQPuqo8z4R5kYJ-PpS_aZZuwj1kd



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Certificate of Completion

Congratulations, Xavier Borja

Using Python for Automation

Course completed on Sep 04, 2021 at 01:51AM UTC • 56 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Sunnyvale, CA 94085

Certificate Id: Ad1plIukUyLNGVqOaJh-OPLCZY2Z



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Certificate of Completion

Congratulations, Xavier Borja

Learning R

Course completed on Jul 11, 2021 at 12:41AM UTC • 2 hours 51 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Sunnyvale, CA 94085

Certificate Id: AdeldCG9y5qafv8e4gWk95nc0Bmu



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Certificate of Completion

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R Essential Training: Wrangling and Visualizing Data

Course completed on Oct 10, 2021 at 03:38PM UTC • 4 hours 18 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Head of Content Strategy, Learning

LinkedIn Learning
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Sunnyvale, CA 94085

Certificate Id: AcFg5B2qzYrlxpXYAoq_jupvhVjh



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Certificate of Completion

Congratulations, Xavier Borja

React.js Essential Training

Course completed on Aug 29, 2021 at 08:20PM UTC • 1 hour 49 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Sunnyvale, CA 94085

Certificate Id: AVydGKpF0eW0fV_7TR5b7R__SXJY



LinkedIn LEARNING

Certificate of Completion

Congratulations, Xavier Borja

SQL Server Machine Learning Services: Python

Course completed on Aug 03, 2021 at 01:38AM UTC • 2 hours 28 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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LinkedIn Learning
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Sunnyvale, CA 94085

Certificate Id: AdWozmOomi4ypGfbBNTgYxvH7E20



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Certificate of Completion

Congratulations, Xavier Borja

SQL Server Machine Learning Services: R

Course completed on Jun 26, 2021 at 04:25PM UTC • 2 hours 11 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

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Head of Content Strategy, Learning

LinkedIn Learning
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Sunnyvale, CA 94085

Certificate Id: AbguAALpyYE11KmZPJSwMxyegRvl