

# Nelson Vides Luzardo

SOFTWARE ENGINEER

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📄 nelson-vides-luzardo-028aa214b/



"Getting out of my comfort zone."

## Skills

**Programming** C/C++, Visual Basic, Standard ML, C#, LaTeX  
**Projects** Arduino, AVR,  
**Languages** Spanish, English, Polish, Italian

## Experience

### IBM BTO Services Polska

AUTOMATION PROCESS DEVELOPER

Kraków, Poland

Nov. 2017 - PRESENT

- Development of automation tools for the finance sector using scripting languages.
- In awareness of improvement gaps, raised a quest for development: exposed ERP APIs, implemented wrappers around Citrix and Cisco streaming services.
- Developed code standards, promoted design patterns and a Test-Driven Design Approach.

### IBM BTO Services Polska

ACCOUNTANT AUTOMATION

Kraków, Poland

Feb. 2017 - Oct. 2017

- Responsible for the Accounts Payable department for the Spanish department of a client.
- Developing VBA Automation tools to improve efficiency of the reporting processes saving up to 4h a week per team.

### Profilingua and K&K Language Schools

SPANISH TEACHER

Kraków, Poland

Sept. 2016 - Feb. 2017

- More than 200 students who improved their skills and passed a diversity of certifications.

## Extracurricular Activity

### Programming Languages

MENTOR STAFF

Coursera

Jan 2018 - PRESENT

### CS50 by Harvard

STUDENT

edX

Mar. 2017 - May. 2017

- Perhaps the official beginning of the Computer Sciences quest.
- By one of the best Computer Sciences instructors out there.

## Education

### Instytut Cervantesa w Krakowie

CERTIFICATE IN SPANISH LANGUAGE PEDAGOGICS

Poland, Kraków

Sept. 2015 - Dec. 2015

- bleble.

### Universidad Complutense de Madrid

STUDIES IN PURE AND ABSTRACT MATHEMATICS

Madrid, Spain

Sept. 2010 - Jan. 2015

- Honour Grade in General Topology. Mentions of Excellence in Algebra, Geometry and Set Theory.

### I.E.S. Luis de Lucena

SCIENCES BACCALAURATE

Guadalajara, Spain

Sept. 2008 - May. 2010

- Performant in Philosophy, Physics, Mathematics and Biology.
- Time has shown me that high-school was a lot more valuable than I thought back then. To this day, I don't see a red moon in the horizon, I see a refracted electromagnetic field stimulating cone cells which release a chain of sodium-potassium reaction along a neural axon.

## Presentation

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### Hooking DLLs for more available functionality

Kraków, Poland

IBM BTO SERVICES POLSKA

Mar. 2018

- On the quest for further improvement, I discovered I could wrap around client's DLLs to take advantage of their undocumented functionality.
- After implementing these wrappers, I presented to my team the source code and talked about how to implement this possibility.

### Interfacing to new Libraries

Kraków, Poland

IBM BTO SERVICES POLSKA

Feb. 2018

- After noticing a gap for improvement in my team's practices, I discovered a series of available libraries to take advantage of.
- Presented to my team, in an entertaining fashion, a series of COM compliant binaries easily callable from VBA and VBS, to better take control of ERP systems and local Databases.

### Regional Public Library of Kraków

Kraków, Poland









CULTURAL EVENTS

Oct. 2015 - Jun. 2016

- Realisation of periodic events around the Spanish Language and Culture.
- Challenged my organizational and social skills, learned a lot about now only my culture but that of other people.

## Most Proud Of

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2012	 <b>Mention of Excellence</b> , Linear Algebra, honoured to have had an amazing teacher.	Madrid, Spain
2014	 <b>Honour Grade</b> , In the Subject of General Topology in Abstract Mathematics.	Madrid, Spain
2014	 <b>Karate Black Belt</b> , My life-long lesson.	Madrid, Spain
2015	 <b>English Certificate</b> , From A2 to scoring 196/210 CAE exam in two years.	Madrid, Spain
2015	 <b>My first Bike Trip</b> , 3400km without having cycled before.	Germany & Poland
2016	 <b>My tenancy</b> , A second bike trip over the most montanous regions.	France, Swiss & Italy
2015-18	 <b>Learnt Communicational Polish</b> , czy to nie supermoc?	Kraków, Poland
2017-18	 <b>Became a Software Developer</b> , In less than a year of the hardest work of my life. Yet not enough. Never enough.	Kraków, Poland