Resume / CV

Personal Information

Name:	Hugo Masias
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Email:	hugo.mas.mue@gmail.com
Date of birth:	1957 June 04
Place of birth:	Lima / Peru
Civil state:	married
Nationality:	Peruvian

Education & Studies

1962 - 1975	Peruvian-German School "Alexander von Humboldt" in Lima
	Graduation diploma (bilingual), high-school degree
1976 - 1984	Business Administration Studies La Universidad de Lima, Lima Peru
	Bachelor in Business Administration
1981 - 1983	Basic studies in Computer Science Fernuniversität Hagen, Hagen Germany

Professional Background

1984 - 1999	Software development - business applications in Lima and Florida Independent consultant
	• Business software for retailers and industry
	• Database management systems
1991 - ongoing	Creative work in music electronics; development of two innovative product prototypes for the music industry, including U.S. patent **Freelance – product design & engineering**
	• Unique synthesizers for composing and playing music
2008 - 2018	Health care and assistance "GbR Hugo Masias, Dorota Kawa" in Germany (joint venture with my wife)
	• Organization, management, services

Knowledge in Computer Science - Programming abilities

• Programming languages and systems

BASIC, COBOL, Pascal, C++, Python
Kivy framework for Python; Juce framework for C++

• Database management software

DBMS for LAN networks; Novell LAN system for servers;
MS-DOS PCs for clients; DBMS products: Smart Software,
dBASEIII, FoxPro, Paradox, Clarion

• Musical software

Sequencer, music notation, sound synthesis
Cakewalk, Cubase, SampleTank, Project 5, Ableton Live

• Musical software - development tools

Development platform for MIDI, sound synthesis: Sound Quest
Infinity; Cycling '74 Max MSP; Juce framework for C++

• Knowledge & experience with PCs

Windows OS and Microsoft Office: high-end user

Knowledge in other areas - Other skills

• German driver license - class B
• Language skills
  • Spanish   native language; University degree
  • English   good skills overall
  • German   good; last 15 years living in Germany
• Vocational studies in music theory and piano
  playing   The David Sudnow method - Miami, Florida
• Trade, selling experience - consumer products
  • Audio and musical gear; export-import in-between
    Miami, Florida and Lima, Peru
• PowerPoint business presentations development
• Creating / deploying of Internet websites
• Playing keyboards in a band as a young fellow

References

1. United States patent no. US 6,229,082 B1
   Masias - Musical Database Synthesizer - May 2001
2. Personal website   http://hugomasias.weebly.com
3. Vento Project site   http://ventoproject.weebly.com
4. Amazing Pads site   http://amazingpads.weebly.com

- Unna, Germany -

Cover Letter

Good day (!)

I am 66 years old already. Looking backwards, I dedicated most of my time, energy, and efforts to a number of activities within the following four fields / areas

1) Academic studies in the field of business & management
2) Computers: Programming & software development in general
3) Learning music; playing keyboards—piano, synthesizers, etc.
4) Creating new products and systems in music electronics

Knowledge, experience and activities worth mentioning are

- *Bachelor degree in business administration*

- *Software development in accounting/business*

- *Software development in music electronics*

- *Design and engineering in music electronics*

- *Music theory, musical systems, musical instruments*

- *Writing patent documents, describing techniques and methods*

- *Business-project descriptions; PowerPoint presentations*

- *Spanish (native), English and German (as foreign languages)*

Hugo Masias – Summary

Knowledge and work experience

<u>Between 1984 – 1999</u>

- Creating / developing business software - a database system for retail-store businesses
  - A comprehensive items-to-sell database; storage & retrieval system
  - Purchasing & selling: Transactions management; processing orders and invoices

<u>Since 1991</u>

- Various music electronics projects based on new concepts and ideas
  - Creating, developing, building, testing hard & software prototypes and systems
  - Writing down business presentations targeting investors and entrepreneurs
  - PR activities; getting in touch with potential investors and entrepreneurs

Skills in general

- Product innovation - studying, creating, improving products in music electronics
- Good knowledge of music; theory and practice; the piano
- The industry: Acoustic instruments, electronic instruments, MIDI controllers
- Creating end-user musical software with C++ and framework libraries
- Peru is my country of origin; 40 years in Lima, Peru; native Spanish speaker
- 8 years United States--during the 90s and 2000s; living in South Florida; South California, and Kansas City
- Good knowledge of English; every-day life; business; technology; the world
- 17 years in Germany; 2 years long back in 1981 plus the last 15 years of my life
- Good knowledge of German; every-day life; business; technology; the world

Knowledge and working experience – IT

Working with and around the PC

- DBMS business applications for small companies **1984 - 1999**
- Design & programming - dBASE, FoxPro, Smart, Paradox, Clarion DBMS
- Platform / network - Novell NetWare microcomputer server + MS-DOS PC clients

- New hard & software systems in music electronics **1990 - ongoing**
- Design & programming; prototyping; tools: graphical OOP systems
- Software: Max MSP from Cycling '74, Infinity from Sound Quest, C++ the Juce framework

- Studies - C++, Python, the Kivy framework **2014**
  - Pascal and Delphi (Embarcadero Technologies) **2017**
  - C++, the Juce framework (Roli) **2018 - ongoing**

• MS-DOS, IBM-DOS operating system	**1980s**
• BASIC, Pascal, and COBOL	**1980s**
• HP scientific programmable calculators	**1980s**
• Apple Mac OS and Microsoft Windows OS	**1990s - ongoing**
• Using Microsoft Office: PowerPoint, Word, Excel	**1990s - ongoing**
• In-depth knowledge of MIDI: Musical Instrument Digital Interface	**1990s - ongoing**

My personality

- Positive attitude; always interested in learning and discovering
- A desire to study and analyze in depth - it is fun
- Positive attitude towards others - a natural diplomatic attitude
- Enjoy good relations with people; team-work friendly
- Help create a good atmosphere at work - and anywhere else
- Flexible and open-minded; listens carefully

Personal achievement – The Vento Project

- The creation, design, development, building, and testing of a new product – a highly innovative musical keyboard synthesizer

- In this regard, a patent was granted and published in the United States in the field of hard & software musical systems. Patent No. 6,229,082 B1 - May 2001 - United States Patent and Trademark Office—the USPTO

- A working prototype of the so-called **MIDI database musical keyboard synthesizer** is available today for demonstration purposes. The prototype is **hardware** and **software.** The hardware: A 36-key keyboard MIDI controller. The software: End-user application software—built for Windows PC; available on the Windows XP platform

- This project is called The Vento Project. It started back in the year 1991. Please visit my website and find out what this project is all about; please go-visit

http://ventoproject.weebly.com

Personal achievement – The Amazing Pads Project

- The creation, design, development, building, and testing of a new product - an innovative virtual pad-matrix Midi controller for the PC: Designed to operate with touch-screen monitors

- The **Amazing Pads** Midi controller is a virtual controller that runs on any PC and TV-size ten-point touch-screen monitor. It is based on a matrix of pads onscreen. It is powerful, unique, and flexible. The user plays onscreen—up to ten fingers can play simultaneously. The system runs on Microsoft Windows 10 and beyond

- This project started in April 2018. Please visit the website. This site is fully dedicated to this product—complete with plenty of text-and-graphics illustrations

http://amazingpads.weebly.com

My personal website – Resume / CV

http://hugomasias.weebly.com