Resume

Personal Information

Name	Claudio Villanueva Albornoz
Nationality	Chilean
Birth Date	December 23th, 1978
Profession	Computer Engineer
Academic Degree	Bachelor in Computer Science
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Education

1995-1998 Technical High School, graduate of Electronics Technician.

2003-2007   Graduate from the Universidad de Santiago de Chile in the career of Computer Science and Bachelor in Computer Engineering.

2011-2012   Studies of Japanese Language in Kudan Institute of Japanese Language and Culture, Chiyoda-ku, Tokyo

Professional Experience

April 2019 - Now, Santiago, Chile
Tinet, Software Engineer for iOS applications. I am actually working in the development of the Wom App, which is the second most used and well rated App in Chile. Wom is the lead provider of mobile phone services in Chile.

November 2017- March 2019, Tokyo, Japan
Garapon Inc, Software Engineer for iOS and Android applications. As a mobile developer I'm in charge of bugs fixing and introduction of new features to the Garapon TV mobile client for iOS and Android platforms. An important achievement was the implementation of the FFMPEG library as a player for Android application, what allowed to improve substantially the playback of streaming video from HLS servers. I am also manage the apps publishing through App Store and Google Play.

In parallel I have participated in a image recognition project, where I applied several technologies such as Tensorflow (Machine Learning), OpenCV (Computer Vision) and hashing algorithms (Digital Fingerprint).
http://garapon.tv

April 2013 – March 2017, Santiago, Chile
Pixtoome SPA. Architect and Lead Developer. Development of iOS and Android applications, PHP, Play Framework, PostgreSQL and Linux scripting. Linux, Amazon AWS and Azure Cloud administration. As an architect and developer I'm in charge of design and implementation of Pixtoome platform, which is a mobile messaging software for schools. Pixtoome has iOS and Android apps, administration site for schools, mobile site to support register and invitations. Server software is deployed in Amazon Web Services.
https://www.pixtoome.com/
https://play.google.com/store/apps/details?id=com.pixtoome.androidmobile
https://itunes.apple.com/mx/app/pixtoo-me/id1099869455?mt=8

December 2009 – March 2013, Santiago, Chile
Ubix Chile. Lead Developer, Software Engineer for Android, Java ME, iOS applications, PHP, PostgreSQL and Linux scripting. Linux and Amazon AWS administration. (I worked in person and remotely)
http://www.ubix.cl

October 2007 – November 2009, Santiago, Chile
Nuwit. Software Engineer for Blackberry and Java J2EE applications. For J2EE projects I have used software such as Weblogic, Aqualogic, Glassfish, Jboss, Tomcat, Java, EJB, Hibernate, Spring, JMS and other Java related technologies.
http://www.nuwit.com/index_eng.php

July 2001 – September 2007, Santiago, Chile
Grau S.A. Aglomerados de Hormigon
System administrator & IT Support, Red Hat Linux, CentOS, Debian, SCO Unix and Windows NT, 2000. ERP Systems and development with BBX, Pro/5, Java Languages.
http://www.grau.cl/

Skills

Advanced programing in: Java, Objective C, Scala, PostgreSQL Functions (PL/PgSQL and PL/Perl), Perl and Bash scripting. Database modeling. Comfortable in Linux, Mac OS X and Windows. In mobile developing, Android and iOS I used APIs related to networking, media, push messaging, user interfaces with interface builder for iOS, XML Layouts for Android and programmatically for both platforms. I have knowledge of AWS administration, EC2 servers, S3 storage, SNS simple notification service and SES simple email service. I have experience setting machines in Azure. I have also a wide experience in Linux administration: scripting, backup, scheduled tasks, firewall. About web projects I have experience with PHP, Play Framework, Bootstrap, Jquery, Javascript and CSS.

Awards
Best bachelor's degree.

Personal Projects
I think that an important chance to improve programing abilities is doing personal projects:

Words Memo: Developed for Android platform, it is a memo-quiz application to learn vocabulary in different languages. The application support multiple languages and the users can enter all the words they want.

https://play.google.com/store/apps/details?id=com.cva.wordsmemo.wordsmemo

Kanji Memo: Developed for android, it is a memo-quiz application to learn Japanese Kanji. Contains the complete list of kanji. The user goes gradually learning through levels starting with most used kanjis.

https://play.google.com/store/apps/details?id=com.cva.kanjimemo

3D Third person game: I built a little game using Unity 3D, I did some programing to modify the behavior of the camera and I adapted a recursive division algorithm to C# to generate random mazes. The game runs on Android, iOS, PC, Mac and web browser (Requires OpenGL)

https://cvillanueva.github.io/Labyrintho/index.html

Personal portfolio: I built a web portfolio to show my work. I used a template to which I made some modifications (Javascript) to have an image gallery with text and links.

https://cvillanueva.github.io/

Language abilities

English: Business level.
Japanese: Daily life conversation.
Spanish: Native speaker.

Personal Interests

I am a devoted karate practitioner, with 20 years of training.
I also enjoy Astronomy, Cycling and Sci FI.