

RAFAEL VARGAS SÁNCHEZ

EDUCATION

Universidad de Sevilla

Student of Computer Science

Sevilla, Spain

2004–now

IES Virgen del Castillo

Spanish High School (Bachillerato LOGSE)

Lebrija, Spain

2002–2004

- Average marks 9.78/10. Graduated with honors.
- Scientific/Engineering specialization.

I also took additional education from courses and seminars.

Visit rafavargas.com/curriculum for details.

WORK EXPERIENCE

Arión Grupo de Tecnologías Avanzadas

Software Development Engineer

Mar 2009–Jan 2010

Design and developed a multiparadigm design surface component for forms, workflows and reports. Worked on a internal pseudo-compiler from translate desktop forms to web forms. Profiled large code bases and improved performance over a 500%! Also took part on IT tasks such as virtualization.

Vrije Universiteit/Google

Minix USB Support

May 2008–Sep 2008

Supported by Google Summer of Code program, worked on a basic USB Stack for Minix 3 Operative System. Also provided drivers for 1.1 USB devices (mice, keyboards, etc). Keep collaborating after project completion.

(Freelance)

Software Development Engineer & IT Pro

Sevilla, Spain

Jul 2006–Apr 2008

Developed some distributed applications for a franchise of hair shops (accounting, stock control, customer management,...). Duties included all parts involved in software life cycle (from requirements to deployment).

Spanish National Research Council (CSIC)

Web Development Intern

Sevilla, Spain

Nov 2006–May 2007

Developed software tools for scientist to organize and process information about endangered species in Doñana National Park. Also developed a portal to make part of this information public available for the masses.

Inated

Technical Writer

Sevilla, Spain

Nov 2006–Mar 2007

Wrote a book covering Microsoft Visual Basic 2005 Express Edition for development novices. Used as reference book in many introductory courses.

Full list is public available at: <http://www.linkedin.com/in/rafavargas>

SKILLS

Programming Code C, C#, Java, Visual Basic .NET proficiently. Have some experience with x86 assembly, C++, functional languages (Lisp, Haskell), XML technologies (XLST, XPath).

Web Worked with ASP.NET and PHP, some experience with AJAX development.

Databases Worked with Microsoft SQL Server and MySQL for a few years. Learned about and used Oracle PL/SQL in university database design course.

IDEs Used Microsoft Visual Studio since 6.0 (up to 2008) and Eclipse in previous jobs as well as in personal projects.

Tools Used to work with concurrent versioning tools, bug tracking systems as well as build ones; knowledge at tools used in collaborative environments. Worked with tools to write compilers such as ANTLR, Cup and JFlex. Also developed console scripts in Bash and Perl.

OS Good knowledge of Windows and Unix-like operating systems.

Other Developed in HP VEE, NI LabView, TestPoint, Xilinx and MatLab.

Personal Can express myself clearly. Very good communicator. Good skills in mediating conflicts in a team. I am a problem solving person and get things done.

Languages Native Spanish speaker, but can write and speak English and French. Currently learning Japanese.

CONFERENCES AND TALKS

- Unconventional Web Security in ASP.NET and PHP at Universidad de Sevilla.
- ASP.NET 2.0 and AJAX EXTENSIONS 1.0, Introducing Windows Presentation Foundation, .NET Compact Framework 2.0 and Windows Mobile 5.0 during Microsoft University Tour 2007.
- Programming MSN Messenger Bots at Universidad de Sevilla.

Full list available at: rafavargas.com/curriculum.

INTERESTS AND HOBBIES

- User Experience: interface design, typography and usability.
- Operating Systems: kernels, drivers and such low level topics.
- Computer Security (Plus: found security flaw in Microsoft MyWebPagesStarterKit).

- IEEE Member since 2006 and usual student branch speaker.
- University FLOSS User Group (SUGUS) collaborator.
- University .NET User Group (DotNetClub Sevilla). Been Manager for 2 years, member currently.
- Reading blogs and books about programming, management, and software business.
- Developing Open Source software. Check rafavargas.com/projects for details.

HONORS

- Two-time distinguished student of Computer Sci. School, Univ. of Seville (Sept. 2007 and Sept. 2008) .
- Microsoft Student Partner awards (2007).
- Third prize in Microsoft Imagine Cup (country finals) in Software Design invitational (2007).

PERPETUUM MOBILE

I've been interested in programming since first time I saw a computer when I was 8 years old. The first question I asked about them was: "how can I program it?". At that age I didn't know anything about programming, but I used to "program" my VCR and my electronic typewriter. A few years later, I got my own computer and didn't stop writing code until today :)

References available upon request.