Christoph Franke

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Professional Experience

Freelance Software Developer, Cologne/Berlin - Since July 2016

PHP, MySQL, Python, HTML, CSS, Javascript, Bash

Vue, React, NodeJS, Nuxt, Angular, Backbone, Kirby, jQuery, Less, Sass

As freelancer I work on small and medium size projects and take care of planning, developing, testing and maintaining web projects. Optionally, I work on medium size teams.

Web Developer, Raguse Scheer GmbH, Cologne - September 2015 - June 2016

PHP, MySQL, Python, HTML, CSS, Javascript, Bash

Kirby, Wordpress, Magento, jQuery, Less

As project lead of the web department I am responsible for planning and executing web projects. This includes customer contact and planning and delegation of all tasks to meet the promised deadlines.

Game Developer, The Good Evil GmbH, Cologne - August 2014 - August 2015

C#, Python, HTML, CSS, Javascript, C++, Lua

Unity, Django, GreensockJS, Bootstrap, Moai

As the only programmer of this company I was responsible for technical planning and implementation of 2D and 3D computer games on iOS and Android devices. A strong collaboration with the project lead and the graphic designer was very important.

Web Developer, Ambient Innovation, Cologne - Mai 2014 - Juli 2014

Python, HTML, CSS, Javascript, Django

As a part time developer I built responsive websites for customers.

Diploma Thesis, Fraunhofer SCAI, St. Augustin – Juni 2013 - April 2014

C++, CUDA

During my diploma thesis I worked on parallel algorithms that solve high dimensional linear equation systems.

Software Intern, Nvidia, Santa Clara - März 2013 - Juni 2013

C++, C, CUDA

As a mathematician I improved existing algorithms and developed and implemented some new algorithms that helped solving high dimensional linear equations in parallel.

Student Part Time, Fraunhofer SCAI, St Augustin - März 2012 - Februar 2013

C++, CUDA

As a student I worked part time for the SAMG workgroup.

Web Developer, Geographical Institute Cologne, Juni 2011 - Februar 2012

Php, MySQL, HTML, CSS, Javascript

As a student I worked part time on web applications that would collect geographical data.

Freelance Web Developer, Cologne, April 2010 - Mai 2011

PHP, MySQL, HTML, CSS, Javascript, Flash

During my studies I developed web sites for customers in part time.

Tutor for Analysis I, Mathematical Institute, Cologne University - Oktober 2009 - März 2010

As a student part time job I held weekly courses for students learning the basics of analysis. I also corrected students homework and tests.

Tutor for Programming Internship, Center of Applied Informatics, Cologne - April 2009 - September 2009

Java

As a student part time job I prepared and held weekly courses for students.

Education

Cologne University, Mathematics and Informatics Diploma, 2014
Schiller Gymnasium Köln, Abitur, 2004

Skills

Programming languages

- *C++, C, C#*
- *Python*
- *PHP, MySQL*

- *Javascript*

Parallel programming

- *CUDA*

- *OpenCL*

- *OpenMP*

- *MPI*

Markup/Structured data

- *HTML5, CSS3*

- *XML*

- *JSON*

- *Latex*

Version control systems

- *Git*

- *SVN*

- *Perforce*

Languages

- *German (native)*

- *English (fluent)*

Operation system

- *OS X*

- *Linux (Ubuntu, Scientific Linux)*

- *Windows*