

Dear Mr Wirth,

I was looking for a challenging and fascinating job where I can use my skills practically. Telecommunication technology and theoretical computer science are a topic which I am very interested in. Furthermore the C programming language is one of my favorite programming languages and I also have experience with functional programming languages like Haskell. So I think that Fraunhofer Heinrich Hertz Institute is a good opportunity for me and I am sure that I can contribute a lot. Thus I am applying at your institution.

At the moment I am studying computer science at TU Berlin and I am in my fourth semester. Most of my skills and knowledge that I have about programming and algorithms I learnt by myself during hobby projects with friends and also on my own. If you want, you can also have a look at my projects on github at <https://github.com/conchulio> (although these are mostly web-based projects) and see what I am currently capable of.

If you are actually interested in me at the same level that I am interested in Fraunhofer Heinrich Hertz Institute, I can start working for you at the beginning of May. Because I am studying full-time I would prefer working around 10 hours a week.

I am looking forward to your response and it would be a great pleasure for me to meet you in person.

With kind regards,



Maximilian Bachl

Attachments: curriculum vitæ

Maximilian Bachl

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Maximilian Bachl

curriculum vitæ

General information

Day of birth 26.6.1992
Nationality Austrian
Place of birth Vienna

Education

since 10.2011 **Bachelor of Computer Science**, *Technische Universität*, Berlin.
The current average mark is 1.78
2002–2010 **Gymnasium**, *GRG17 Geblergasse*, Vienna.
Graduated in June 2010 with an average mark of 1.25

Experience

Work experience

since 11.2012 **Self Employed.**
I worked for start-ups, doing mainly frontend development with Ruby on Rails and recent HTML5 technologies.
9.2012 **Internship**, *ATOS*, Vienna.
Development of various commandline utilities and graphical Programs for Windows, e.g. a graphical Task Manager written in Visual Basic .NET
8.2011 **Internship**, *OMV*, Vienna.
Administration of databases and translation of technical manuals from German to English
8.2009 **Internship**, *OMV*, Vienna.
Development of an automated email software using Python and several other administrative activities

Miscellaneous

2010–2011 **Civil Service**, *Jewish Community of Vienna*, Vienna.
Support of holocaust survivors and scientific research activity in the archives

Languages

German First language
English Very fluent and experienced
French Basics

Programming abilities

OS	Windows, Linux, Mac OS X and Unix in General
Languages	C, Ruby, Python, Java, JavaScript/Coffeescript, Haskell, Assembly, Bash, Visual Basic
Web	Experience with Ruby on Rails, Django and HTML5 and AJAX, CSS3 and CSS preprocessors. Also I have experience with the HTML5 virtual file system API and binary data in JavaScript as well as common programming interfaces like the Google Maps API. Furthermore I have basic experience with Node.js but I am very curious about its concept.
Miscellaneous	\LaTeX , Photoshop, MS Office, version control software like git and databases like MySQL and Postgres

Hobbies

Sport	Unicycling, cycling, skiing, snowboarding, strength training
Others	Programming, reading, philosophy, traveling