Chiel ten Brinke

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http://ctenbrinke.net

I'm a programmer and mathematician. I like to create great pieces of software by writing elegant bits of code and by using powerful trending (open source) software technologies. Unsurprisingly, my favorite programming language is Python due to its beautiful paradigms. On occasion, I use my mathematical skills to come up with strong and innovative out-of-the-box solutions. I want to keep learning new things and study new technologies. Currently, I'm interested in gaining experience in software engineering in a technically challenging and ambitious project.

Technical Skills

Like: python, c#, cython, git, vim

Experience

Student Assistant – Utrecht University   *September 2013 - January 2014*
math, oop

I have been teaching first years university students in two courses. One about Object Oriented Programming and one about Mathematical Logic.

Javascript programmer – Appsilon   *September 2012 - February 2013*
nodejs, mongoose, mongodb, websocket, javascript

With a group of students we were asked to develop a business simulation for tablets. Although the project did not finish, I learnt a great deal about web development.

PHP Programmer – Deltawerken Online   *July 2010 - July 2011*
php, typo3, restful-url

For the organisation behind the website www.deltawerken.com, I have been working on a related side project. Specifically, what I've been mainly doing is writing a back-end plugin for typo3 in PHP which integrates media items from a large database into a media viewer. To access this database I wrote a restful-url API in PHP.

Education

Masters degree in Computer Science – Utrecht University   *2013 - 2015*

I have studied the advanced concepts, software design methods, problem-solving techniques, and analytic skills necessary to create information-driven systems and applications for our diverse society. This Master's Programme is research oriented. My final research area has been in Algorithms, or more specifically, Parametrized Complexity of Graph Problems.

Bachelors degree in Computer Science – Utrecht University   *2010 - 2013*

Bachelors degree in Mathematics – Utrecht University   *2010 - 2013*

VWO (pre-university education) – Pieter Zandt sg.   *2004 - 2010*

Projects & Interests

Stack Overflow – http://stackoverflow.com/users/1546844   *July 2012 - Current*

Written 99 answers. Active in vim, javascript and php.

GitHub - vim-autoformat – https://github.com/Chiel92/vim-autoformat   *September 2012 - August 2015*

Provides easy code formatting in Vim by integrating existing code formatters.

I'm author and maintainer of this project.

GitHub - YouCompleteMe – https://github.com/Chiel92/YouCompleteMe   *June 2013 - August 2013*
c++, c#

A code-completion engine for Vim

I'm a contributor to this project. I have written a client which integrates a C# completion engine into YouCompleteMe.

GitHub - music-arithmetic – https://github.com/Chiel92/music-arithmetic

May 2015

python, pyparsing, music

Language for describing music compositions in exact frequencies

I am author and maintainer of this project.

Tools

Favorite Editor: Vim