Qiaoyong Zhong

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Born on 26 Jan, 1988 in Zhejiang, China
Nationality: Chinese

Education

2009 – Present	**Ph.D. student**, *CAS-MPG Partner Institute for Computational Biology*, Shanghai. Pattern Discovery in Biology Group
2005 – 2009	**B.S. in Biotechnology**, *School of Life Sciences, Nanjing University*, Nanjing. Majored in Physiology

Experience

06/2011 – 07/2011	**Visiting Student**, *Ruhr University Bochum*, Bochum, Germany. Bioinformatics Group, Department of Biophysics

PhD Projects

- Image registration between FTIR image and HE stained image of human colorectal cancer
- Webapp: a web application for FTIR tissue image annotation
- Classification of FTIR tissue images using Tree Classifiers

Rotation Project

Inferring genetic structure of admixed human populations using SNP data

Bachelor Thesis

WSmotif: Prediction of human transcription factor binding sites (TFBSs)

Contests

- † NetEase Youdao Nanti Mobile App Contest (2012), team *Candy*, YiRiSanXing, won the 3rd prize of East China area
- † RubyVSPython Planet Conquer 2012 April Contest, ranked No. 1/6
- † Morgan Stanley Code Storm 2011, team *Blue Moon*, ranked No. 11/20 of Shanghai Jiaotong area
- † Red Hat College Students Linux Skills Contest (2010), entered the semi-finals

Open Source Projects

- Voodoo: a PICB file search engine based on mlocate
- more on `https://github.com/xiaoyong`

Languages

English	**CET-6 qualified**	*can work in English freely (communication, reading and writing)*
Chinese	**native language**	*Putonghua and other 2 dialects*

Professional Skills

Academic

Introduction	My work focuses on Biomedical Image Processing and I have a good knowledge of Digital Image Processing, Pattern Recognition and Statistics.

Programming

Matlab	Expert, used on a daily basis	C/C++	Intermediate
Ruby	Expert, for small scripting tasks, and for fun	Shell (Bash)	Intermediate, straightforward way to command the computer
Web Development	Intermediate on HTML, CSS, JavaScript and jQuery. Novice on Ruby based frameworks, e.g. Ruby on Rails and Sinatra		

Computer

Operating Systems	Expert on Linux, Mac OS X and Windows	Office & Typesetting	Intermediate on MS Office and LaTeX

Interests

- Basketball
- Movies
- Hiking
- Music