

# Zhen Zhang

## Curriculum Vitae

### Education

- 2010–2016 **Doctor of Philosophy in Bioinformatics**, *Central South University*, Changsha, China, *Grade*.  
My research interests include structural variation detection, read mapping and genome assembly.
- 2001–2006 **Master of Science in Computer Science**, *Technical University Munich*, Munich, Germany, *GPA – 2.3* (1.0 is the best grade).  
I specialized in service-oriented architecture and full stack web development.
- 1996–2000 **Bachelor of Engineerer in Environmental Engineering and Technology**, *Hunan University*, Changsha, China, *GPA – 3.9*.  
I earned a minor in Computer Science.

### Experience

#### Vocational

- 2009–present **Lecturer**, *Hunan Institute of Science and Technology*, Yueyang, China.  
I taught the following two courses: Software Engineering and Algorithm Design and Analysis.
- 2007–2008 **Junior Developer**, *Computershare Deutschland GmbH & Co. KG*, Munich, Germany.  
I was in charge of three projects: 2publish customisation, Hewlett Packard Promotool and eCampaigns.
- 2005–2007 **Programmer Intern**, *Intergraph Deutschland GmbH*, Ismaning, Germany.  
I automated the setup package building and deployment process for a GIS web application flimasWeb. Besides, I conducted a performance test for flimasWeb.

#### Miscellaneous

- 2004–2005 **Student Trainee**, *Rechts der Isar Hospital*, Munich, Germany.  
I developed a serial C++ driver for the Aurora magnetic tracker under Linux.

### Award

- 2015 Best Paper Award, Joint Genome Informatics Workshop (GIW) and International Conference on Bioinformatics (InCoB), Tokyo, Japan, Sept. 9-11, 2015

Xueyuan Road – Yueyang, Hunan 414006 – China

☎ +86 (138) 0840 4219 • ✉ zhangz@csu.edu.cn • in zhangps2

🌐 zhangzhen

---

## Languages

Chinese **Native speaker**  
English **Professional working proficiency**  
German **Professional working proficiency**

---

## Computer skills

Intermediate Git,  $\text{\LaTeX}$ , Microsoft Visio, Javascript  
Advanced C++, Python, Java, Full Stack Web Development, Linux

---

## Interests





- Mountain climbing  
- Stamp collecting  
- Traveling  
- Coin collecting

---

## Publications

- [1] Zhen Zhang, Jianxin Wang, Junwei Luo, Xiaojun Ding, Jiancheng Zhong, Jun Wang, Fang-Xiang Wu, and Yi Pan. Sprites: detection of deletions from sequencing data by re-aligning split reads. *Bioinformatics*, Feb 2016. doi: 10.1093/bioinformatics/btw053. URL <http://dx.doi.org/10.1093/bioinformatics/btw053>.

*Xueyuan Road – Yueyang, Hunan 414006 – China*

 +86 (138) 0840 4219 •  [zhangz@csu.edu.cn](mailto:zhangz@csu.edu.cn) •  [zhangps2](#)  
 [zhangzhen](#)