**Tim Bi**

1433 Fishers Mill Ct ● Herndon VA ● tim.bi.gmu.edu@gmail.com ● 703-879-7278

**Skills**

|  |  |
| --- | --- |
| * Research and development * Server/network maintenance | * Communication * Able to learn new skills quickly |

**Professional Experience**

**Shanghai Cafe, Woodbridge, VA**

**Assistant Manager,** 1/2002 to 2/2009

***Selected Accomplishments:***

* Cooperated with parents to develop a family oriented restaurant.

**Krasnow Institute, Fairfax, VA**

**Research Analyst,** 9/2007 to present

***Selected Accomplishments:***

* Contributed to multiple projects towards the simulation of calcium distributions within a cardiac myocyte.

**Hopkins School of Medicine, Baltimore, MD**

**Research Analyst and Cluster Administrator,** 9/2008 to 2/2014

***Selected Accomplishments:***

* Deployed and maintained Dell Open Cluster Stack with 8 nodes for GWAS analysis.
* Deployed and maintained the Patient database tracker (PHP and MySQL) tracking ongoing studies of a large patient base. Cooperated with the research teams in conducting multiple research studies.

**Time Warner Cable, Herndon, VA**

**SysOps Engineer,** 2/2012 to 8/2013

***Selected Accomplishments:***

* Contributed to the maintenance and improvement of a nationwide phone provisioning system.

**Technology**

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| --- | --- |
| **Software:** | Photoshop, MS Office, Python, C, C++, Java, R, CUDA |
| **Web/Multimedia:** | Web Server Administration, CentOS, PHP, Server Hardware |

**Education**

**George Mason University, Fairfax, VA**

**Bachelor of Science, 5/2007**

* Major: Computer Science
* Minor: Economics, Biology, Communications
* Gmu Debate Team 2004-2005, Circle K International 2005-2006

**George Mason University, Fairfax, VA**

**Doctorate of Philosophy, ongoing**

* Bioinformatics