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| |  | | --- | | *Yang Jiao* | | **Application Developer IV (Tech Lead) @ TASC**  **9906 Autumn Breeze Rd, Middleton, WI 53562** | | |  | | --- | | [**Publication and Citation**](http://goo.gl/mxEgBR)  [**vsfan1984@gmail.com**](mailto:vsfan1984@gmail.com) **(608) 630-0987** | |
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| |  | | --- | | **Skills** | | |  |  |  | | --- | --- | --- | | **C / C++ / C# / Java** | **VB6 / MUMPS (Cache)** | **AWS Dynamo / AWS Lambda** | | **JavaScript / TypeScript / Angular** | **Scrum / Kanban** | **PHP / ASP.net / MySQL** | | | |
| |  | | --- | | **Professional Experience** | | |  |  | | --- | --- | | **Application Developer IV at TASC (Project BAM!)** | **07/2017-present** | | * Build next generation (**MEAN** stack) business IT platform for TASC; * Manage development effort within scrum team of 9 people (2 BA, 2 QA, 5 Dev); * Release each 2-week-sprint. **TDD** / **CI** / **CD** are enforced; * Deploy on **AWS** using **serverless** framework. | | | **Software Development Team Lead at Epic Systems Corporation (Cardiology SR)** | **04/2014-07/2017** | | * **People management** of 3-5 developers; * Own **SDLC** for the structured reporting module of Cupid product; * Manage and resolve customer escalation using **Kanban**; * Improve internal process and software development best practice. | | | **Software Developer at Epic Systems Corporation (Cardiology)** | **01/2011-03/2014** | | * Investigate, design, and develop as assigned; * Participate in weekly customer calls for technical solution; * Conduct technical recruiting including phone screening, candidate interview, and career fair; * Mentor junior developers. | | | **Visiting Research Assistant at USC Information Sciences Institute (BuildP)** | **05/2010-08/2010** | | * Parse several gigabytes of subversion and regression testing logs via **Perl** and **Python** to retrieve information; * Store all parsed data in **MySQL** database and build internal web interface by **PHP** for easy access to the database; * Visualize stored information via **Java**-based **Processing** framework, generating treemaps and time series plots. | | | **Programmer at Synergy Lab (The Green500 List,** [**http://www.green500.org**](http://www.green500.org)**)** | **08/2009-12/2010** | | * Design and implement power aware computing micro benchmarks on GPU, programming in **CUDA** and **OpenCL**; * Build the web submission system based on **LAMP** for The Green500 List; * Design, implement, and optimize the backbone **MySQL** database of The Green500 List; * Visualize large scale data using **Google Visualization API** and **JavaScript Infovis Toolkit**; * Lead general technical support for The Green500 List. | | | **Graduate Research Assistant at Software Innovations Lab (BRMI/RBI)** | **08/2008-05/2009** | | * Design, implement, and test the remote conditionals of **BRMI** (Batch Remote Method Invocation); * Design and implement the fundamental network communication infrastructure of **RBI** (Remote Batch Invocation); * Both projects have achieved the goal of extending the functionality of existing **Java** **RMI** framework; * Publish two research papers in top conferences, i.e., ICDCS 2009 and ECOOP 2009 respectively. | | |  |  | | --- | | **Education** | | |  |  |  | | --- | --- | --- | | **08/2008-12/2010** | **M.S. in Computer Science**  Virginia Tech, Blacksburg, VA | **GPA: 3.5/4.0** | | **09/2006-06/2008** | **M.Eng in Computer Software and Theory**  Nanjing University, Nanjing, China | **GPA: 3.8/4.0** | | **09/2002-06/2006** | **B.Sc. in Computer Science and Technology**  Nanjing University, Nanjing, China | **GPA: 3.7/4.0** | | | |
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| |  | | --- | | **Open Source Projects** | | |  |  |  | | --- | --- | --- | | **sclc** | Count lines of source code, using ***Perl*** | <http://code.google.com/p/sclc> | | **shelllogger** | Log and timestamp shell commands, mainly using ***Python*** | <http://code.google.com/p/shelllogger> | | | |
| Reference will be available upon requests. | |