

James Tyler

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| <https://github.com/jameyt/kaisnut> |

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Employment

AAON, Inc., Tulsa, OK

Lead Software Developer

May 2014 – Present

Lead software projects to improve the efficiency of the company.
Improve the quality and maintainability of legacy software.
Lead all software development for the company using C#, MS SQL, ASMX and WCF Web Services, ASP.NET Web Forms/MVC 5, Win Forms, Visual Studio 2013.
Supervise, coach, train four software developers.

Software Developer, Project Management Office

December 2012 – May 2014

Project management, business analysis, and software development of special projects assigned by company-wide project management office.
Development and maintenance of company's proprietary sales selection software and engineering product design and performance estimation software.

Mechanical Engineer, Software Development

May 2008 – December 2012

Development and maintenance of company's proprietary sales selection software and engineering product design and performance estimation software.
HVAC unitary commercial equipment design, problem solving, and performance estimation.
Assisting Applications Engineers on escalated issues.
AHRI efficiency rating calculation, optimization, standard compliance. EER, IEER, COP, SEER, HSPF, etc.
Customer customized performance estimation.
Support and troubleshooting for selection and performance estimation software.

Manufacturing Engineer

November 2007 – May 2008

Liaison to manufacturing assembly lines, part specification, problem solving and troubleshooting, identifying and resolving recurring issues, electrical and mechanical drafting

Skills

Certified ScrumMaster (CSM)
Effective Leadership Development (ELD) graduate
Test driven development, domain driven design, work process improvement
Teamwork coordination, project prioritization, desktop application development
Everyday programming languages: C#, Visual Basic, SQL
Uncommon use programming languages: C++, Java, Python
Database creation and maintenance: Microsoft Access, SQL Server Management Studio
Interactive development environments: Visual Studio 2013, Visual Basic 6
Version control: Git, Microsoft Visual SourceSafe, Subversion
Other interests: numerical methods, algorithm optimization

Community

Junior Achievement Volunteer
Tulsa Dot Net User Group Member

Achievements

Implemented Scrum to better meet AAON's project management needs.
Replaced Microsoft Visual SourceSafe with Git to better meet AAON's source control needs.
TDNUG July 2014 Code Shoot Out expert level winner
Represented AAON, Inc. at the AHRI Spring Meeting in Washington, DC in 2010 and 2011.
College capstone project team awarded 1st place internationally in
AIAA 2006 Design/Build/Fly Unmanned Aerial Vehicle Competition

Education

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| Computer Science Course Work 3.92 GPA Oklahoma State University, Tulsa, Oklahoma Tulsa Community College | 2011-2013 |
| Bachelor of Science in Mechanical Engineering Bachelor of Science in Aerospace Engineering Oklahoma State University, Stillwater, Oklahoma | 2007 |