

Ryan M. Smith | 613 Reese Ave
Lancaster, OH 43130
740.743.6292
ryan@ryanmsmith.com
www.ryanmsmith.com

EDUCATION

Bachelor of Science, Industrial and Manufacturing Systems Engineering
Ohio University, Athens, OH
June 1997
Overall GPA: 3.511

Certifications: A+, Network+, ISO 9000 Internal Auditor
Graduate-level courses in IMSE, Human Factors Engineering.
Currently enrolled in Capital University's MBA program.

SKILLS

iOS development
Objective-C
Xcode
HTML
CSS
Javascript
jQuery
Ruby
Ruby on Rails
Mac OS X
Ubuntu Server and Desktop
Windows Server 2000, 2003, 2008
Windows NT4.0, 2000, XP, Vista, 7
MS Dynamics AX
MS Exchange Server 2000, 2007
SQL Server 2000, 2008
MySQL
Sqlite3
SolidWorks
Adobe Creative Suite

OBJECTIVE

Combining my creative and analytical abilities, I wish to lead in the development of innovative technologies that enhance information flow, increase productivity, and improve quality of life.

EXPERIENCE

01.2009 – Present

Owner & Developer, indiePixel Studios, Lancaster, OH, www.indiePixel.net

- Designed, developed and released the following iOS apps:
 - Uppercase! (<http://itunes.apple.com/us/app/uppercasing/id415884077?mt=8&ls=1>)
 - TwistLink (<http://itunes.apple.com/us/app/twistlink/id310756966?mt=8&ls=1>)
 - TwistLink Free (<http://itunes.apple.com/us/app/twistlink-free/id381719280?mt=8&ls=1>)
 - Orbital Blockade (<http://itunes.apple.com/us/app/orbital-blockade/id305734224?mt=8&ls=1>)
 - Orbital Blockade Lite (<http://itunes.apple.com/us/app/orbital-blockade-lite/id311350951?mt=8&ls=1>)
- Designed and developed the indiePixel website, indiePixel.net.
- Designed and developed the Olde Cellar Band website, www.oldecellarband.com.
- Prepared and submitted press releases.
- Developed advertising strategies.

01.1999 – Present

IT Administrator, Ludowici Roof Tile, Inc., New Lexington, OH

- Developed enterprise iOS app “LudoPad”, a sales tool for iPad.
- Lead project to upgrade Axapta 3.0 to Dynamics AX 2009.
- Developed the LudoSlate.com and LudoShake.com websites.
- Developed Ludowici’s new web presence at Ludowici.com using Ruby on Rails; launched April 2008.
- Customized and extended the Ludowici Salesforce.com implementation.
- Lead project to implement Salesforce.com CRM in 2009.
- Implemented new Axapta 3.0 ERP system, 2003/2004.
- Managed projects to implement and later upgrade wireless Campus-Area Network.
- Implemented Exchange 2000 in 2003 and Exchange 2007 in 2007.
- Implemented policies and procedures to bring IT resources and usage into compliance with Saint-Gobain IT standards.
- Manage and maintain hardware and software resources.
- Provide support for office staff.
- Contract and manage outside IT support services.
- Purchase all IT-related equipment, software and services.
- Develop and maintain databases using Access.
- Maintain six Windows servers and one remote Ubuntu VPS.
- Manage and analyze sales, inventory and scheduling data.

09.2004 – 11.2006

Technical Service Coordinator, Ludowici Roof Tile, Inc., New Lexington, OH

- Managed Technical Service Department.
- Reduced quote turnaround time from more than 7 days to less than 2.
- Distributed department workload.
- Tracked department performance.
- Set project goals and objectives.
- Trained and assisted Technical Service Representatives.

01.1999 – 09.2004

Engineer / Technical Service Representative, Ludowici Roof Tile, Inc., New Lexington, OH

- Designed extruded tile cutting machinery using SolidWorks. Improved business processes by developing information management systems using Access and Visual Basic.
- Designed custom tile and modeled roofs using SolidWorks.
- Provided material estimates and quotes based on architectural plans to customers.
- Provided technical support to customers and sales representatives.
- Developed a number of utilities to aid in the design of custom tile using Visual Basic, Visual Basic for Applications and Excel.

06.1996 – 12.1998

Research Assistant, Human Factors and Ergonomics Laboratory, Ohio University, Athens, OH

- Designed and conducted field measurements to study the effect of dry pavement reflectance on road sign visibility at night, the results of which have been published by the Transportation Research Board (Schnell, T.; Zwahlen, HT; Smith, R. "Reflective Properties of Selected Road Surfaces for an Automobile Headlamp Geometry". Transportation Research Record 1657, 1999).
- Co-developed a Windows-based target visibility model that determines the visibility of an object from the point of view of a driver of a car, given many parameters, including the effect of glare due to oncoming headlamps.
- Designed, conducted and analyzed the results of experiments to study the legibility of uppercase block letters.
- Designed, conducted and analyzed the results of field measurements to study the directionality of luminance and the effect of cloud cover on ambient illumination during twilight.
- Helped conduct nighttime driver eye scanning research on I-80 in Utah to determine the effectiveness of retroreflective pavement marking tape over standard paint and beads.
- Helped conduct research evaluating the effectiveness of new diagrammatic guide signs in Columbus.
- Performed numerous photometric measurements of the old and new railroad crossbuck designs in Ohio and developed a voice recognition based data collection system to aid in the process.
- Helped design and distribute a questionnaire to determine user acceptance of the two new railroad crossbuck designs in Ohio and developed an MS Access database system to manage the responses.
- Analyzed data from the National Personal Transportation Survey to determine a shift in the age distribution of the driver population at night from the driver population at daytime.