John Ryan Zelling   jryanzelling@gmail.com **EMAIL**
3451 Desert Cliff St Unit #103   931.787.3412   **CELL**
Las Vegas, NV 89129   johnryanzelling.com   **WEB**
RESUME OF JOHN RYAN ZELLING

Technical Skills

- **Formal Training/Certifications**: Certified Composites Technician, Carbon Fiber Composites, OSHA 30, Forklift, Overhead Crane, Fanuc Robot Operations, First Aid CPR AED, Lean Manufacturing, R Programming, Java Programming, SQL, Selenium, Software Quality Assurance, Web Technology, Software Test Automation, Software Web Application Testing, Black Box Testing, AutoCAD Civil 3D, Autodesk Revit Programmer, G-code, CNC

- **Software Proficiency**: R/Shiny, Python, Ruby, Bash, Mathematica, Android SDK, HTML, Javascript, XML, CSS, SQLite, NoSQL, Safari, Chrome, Mozilla, IE, Word, Excel, PowerPoint, MS Project, Adobe Creative Suite, Photoshop, Illustrator Graphic Design, Mac OS, Android, Windows, Linux, Unix, C++, GNU, AutoCAD

Professional Experience

HCR ManorCare – Toledo, OH   **07/2016 – 09/2016**
IT Security Analyst
- Developed SQL data browser application used for Security Data researchers, eliminated SQL queries with GUI.
- Maintained Linux server to host web applications.
- Developed web application for data analysis and visualizing security within network databases.

Freelance, Various Positions   **01/2013 – 12/2015**
- Audio Transcription Automation for Production Company.
- Computer Systems Amazon EC2 Administration. Manage Linux/Windows servers for various web applications.

City of Palo Alto – Palo Alto, CA   **01/2009 – 10/2012**
Surveying Engineering Assistant
- GIS data collection and processing using GPS, AutoCAD Civil 3D
- Use of modern mapping technology to create engineering drawing
- Accurately measure and build construction staking and design projects

City of North Las Vegas – N Las Vegas, NV **06/2003 – 01/2009**
Engineering Technician
- AutoCAD Design and Project Management support in Engineering Design Group.
- GIS system inputs and development.

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Education

Allegheny College – Meadville, PA   06/1995 - 12/1999

B.Sc. Mathematics

Pellissippi St Comm College – Knoxville, TN   01/2015 - 06 / 2015

Certificate in Electrical Engineering Technology and Sustainability Education (3.8 GPA)

Activities: FANUC Robot Operations Certification 5/17/2015, FANUC Handling Tool Operation and Programming Certification 5/17/2015, Programmable Logic Controllers (PLC) Programming, Data Acquisition, Sensors, Robotics, Industrial Automation, Fanuc Programming, Labview Programming, Microcomputer Architecture, Electric Engineering, Sustainability, LEED GA

Tennessee Tech University – Knoxville, TN   06/2014 - 01/2015

Finished semester towards BFA Fibers and Metals (4.0 GPA)

Activities: Screen print, Block Print, Shibori, Painting on fabric, Sewing, Weaving, Silk, Cotton, Wool; CAD Design, Illustration, Adobe Illustrator, Photoshop; Blacksmithing, Metalsmithing, Goldsmithing, Jewelry Manufacturing.

Roane State Community College   09/2013 - 09/2014

Advanced Manufacturing Technician Training (AMTEC)

Activities: First Aid CPR Certification 11/19/2013, Lean Manufacturing Certification 1/31/2014, OSHA 30 Hour Certification 10/31/2013, Forklift Operations Certification 2/3/2014, Overhead Crane Safety and Operation Certification 2/4/2014, Basic Plumbing (40 hours certification), Basic Measuring and Machining (80 hours certification), Electrical Wiring and Maintenance (80 hours certification), Carbon Fiber/Composite Materials Fundamentals 5/23/2014, Fundamentals of Solar/Energy Efficiency 6/6/2014, Quality Assurance/Quality Control Certification 1/24/2014.

Semester of Advanced Composites Training at Oak Ridge National Lab ORNL (3.5 GPA)

Activities: ACMA Certified Composites Technician (CCT-VIP certification) 8/6/2014, Carbon Fiber, Glass, Kevlar, Woven, Nonwoven, Manufacturing, 3D Printing, Solidworks

National University - Las Vegas, NV   01/2007 - 01/2012

Finished 58.5/60 Credits towards M.Sc. Systems Engineering (3.3 GPA)

Activities: Agile, DOD, Software Engineering, PMP, IEEE, Microsoft Project, Resource, Budget, Strategy

College of Southern Nevada – Las Vegas, NV   01/2002 - 01/2007

Finished all courses Associate Science, Building Info Systems (3.3 GPA)

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Volunteer Work

- Spontaneous Volunteer at American Red Cross, 2015
- Programming Instructor at Hackthefuture.org and CodorDojo Silicon Valley, 01/2009 - 12/2013
- Operations Volunteer at Hacker Dojo Mountain View, 01/2009 - 12/2013
- QCon Conference Crew, 11/2012

Excellent References Available