Brent Robert Shambaugh

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EDUCATION

MS in ~~Chemical~~ Engineering, University of Oklahoma, Norman, OK
BS in ~~Chemical~~ Engineering, University of Oklahoma, Norman, OK

Nationality: US
Languages: English (native), basic German

PRESENT ACTIVITY

Basic Machining – Moore Norman Technology Center ,Ham Radio Technician License
Studying C++, Computational Fluid Dynamics with OpenFoam, Tripoli Rocketry Association,
L1

EMPLOYMENT

Oct 2017- Mar 2018
Researcher/Developer for Research Studios Austria, Vienna, Austria
- Developed Unit Tests for the Web of Needs Protocol
- Pair programmed and modified code for a large number of low level functions
- Wrote code using Jena, Java, and SPARQL with Eclipse and IntelliJ

Nov 2015 – Dec 2016
Semantic Web Consultant for Integrated Space Analytics, Douglas, MA, USA
- Expressed Drupal 7 data in RDF with ARC2 and Marmotta backends.
- Visualized RDF data with LodLive
- Used Views to build pages that linked the LodLive visualizations

Jul 2015 – Nov 2015
Consultant for Nordson Adhesive Dispensing Systems, USA
- Developed a complex computer simulation of a commercial unit for polymer fiber production

Jan 2013 – Oct 2013
Adjunct Professor, Oklahoma City Community College, Oklahoma, USA
- Taught Introductory Chemistry Lab

SOFTWARE SKILLS

Microsoft Office (Excel, Word, PowerPoint), SPARQL, GNU/Linux,
Drupal7, Apache Marmotta, PHP, SQL, RDF, HTTP/REST, Fortran, g95, PGPLOT, SigmaPlot,
GAMS, MathCad, SPSS, Pro-II, FTP, ProAnalyst, NuGenTransform, XML, XLST, Gimp, Flash,
HTML, GNU/Linux, Python, JavaScript, RDFLib, jQuery, N3.js, D3.js, RDF-Ext, LaTeX, ,
Apache Jena, Java Eclipse, Docker

LEADERSHIP SKILLS

Cinematic Artists of Norman Executive Committee, Treasurer (1 year)
Founder and Organizer of Code Norman and Norman Tech Talks (2 years)