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If I had one of these worked up, it would be a paragraph telling you about me. It would also contain some objective statement garbage. I'm going to keep typing things to make this feel more like a paragraph in terms of length. Yes, I will always be too lazy to go grab some lorem ipsum when I need it. There, I think we are about at the right length.

- Github: http://www.github.com/devankestel

- Twitter: http://www.twitter.com/devankestel

- Tumblr: http://devankestel.tumblr.com

The Iron Yard
Rails Engineering
August 2015

University of Notre Dame du Lac
M.S. in Chemical and Biomolecular Engineering
May 2010

Thermodynamic Research of Ionic Liquids Group (ThRILs)
Adviser: Dr. Joan Brennecke

Massachusetts Institute of Technology
B.S. in Chemical Engineering, minor in Spanish
June 2007

All chemical engineering courses relied heavily upon MATLAB and data science principles. Other relevant course: Intro to Python.

Dupont Performance Coatings
(Now Axalta Coatings Systems)
Senior Chemical Engineer
February 2011 - April 2015

- Product formulation, optimization, and technical support of solventborne and waterborne automotive coatings for General Motors accounts with revenue exceeding $30MM annually.

- Optimized, commercialized, and launched a two-component, polyurethane clearcoat system which delivered $800M revenue growth in 2012.

- Developed new rheology test method with optimized shear profile, reducing error in measurement by 50%, for non-Newtonian solventborne paint systems.

- Technical lead for innovative spray process and paint technology conversion program which minimized assembly line downtime by 50% over conventional conversion.

- Provided support to Arlington Assembly, GM's most profitable manufacturing site, via new color development, formulation adjustments, and troubleshooting line issues (2011-2013). Currently provide support to Bowling Green Assembly, home of the Corvette.
- In addition to research and development, interface with manufacturing, quality assurance, sales and marketing, product stewardship, and field account teams on a daily basis.
- Work in a highpressured, multitasking environment with constantly changing priorities and frequently required to make "on the spot" decisions that directly impact manufacturing at both Axalta and GM sites.

- Align formulas, manufacturing procedures, and product design specifications for manufacturing scale-up.

University of Notre Dame du Lac
Graduate Research Assistant
October 2007 - March 2010

- Thermophysical property measurement and estimation of ionic liquid systems for use as

environmentally benign working fluids for carbon dioxide capture.

• Worked in a hybrid experimental and computational team to rapidly screen and characterize

candidate ionic liquids for process optima including: relative volatility and solubility, hydrophobicity,

corrosivity, toxicity, reaction and absorption enthalpies, and others properties relevant to process

scaleup.

•Analyzed and calculated hysteresis, infinite dilution activity coefficients, Henry's Law constants,

and deconvolution of physical CO2 solubility from chemical CO2 reaction in amine-functionalized

ionic liquid systems.

- Supervised design and construction of ionic liquid absorber/ stripper unit.

•Proficient with both high and low pressure systems.

Alltech, Inc.
Chemical Engineering Intern
June 2004 - August 2006

- Product development, process design, and pilot plant management for Optigen, a controlled-
  -release, nonprotein nitrogen supplement for dairy cattle which is now commercialized.
- Authored process flow diagrams. Collaborated on design of specialized fluidized bed dryer.
  Designated process instrumentation for final scaleup.

- Ruby, Rails, JS, HTML5, CSS3, MATLAB, C++, Python
- Here is where I talk about all the fancy Codeschool courses I took and badges I earned. In
  paragraph format. So this has to be long like sentences and stuff. There you go.
- Certified Beer Server, RABSQA Lead Internal Quality Auditor, Six Sigma Greenbelt
- Here is where I blather about my fancy study abroad in Madrid that lasted six months where I
  took lots of courses and did lots of things. Fluency in a foreign language is cool and should count
  for something.