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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.
- Serve on site team of internal quality auditors. Audit 6 areas per year against ISO:9001 and TS-16949 standards. Interview exempt and nonexempt employees across all shifts.

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.
- Gravimetric measurement of binary vapor-liquid equilibrium curves of ionic liquids with components in flue gas (e.g. CO2, CH4, H2O) as well as N2O.
- 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.
- Facilitated formulation of controlled-release coating.
- Authored process flow diagrams. Collaborated on design of specialized fluidized bed dryer. Designated process instrumentation for final scaleup.
- Supervised 3-4 production workers per shift in pilot plant operations.
- Designed and formulated a novel filtration system capable of 100% toxin removal from contaminated liquids.
- Bottled beer (KY Ale, KY Light, KY Bourbon Barrel Ale) at company microbrewery.

- 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.