Matthew Richard Boegner

(804) 651-8177 • Matt.Boegner@Gmail.com

WORK EXPERIENCE

Deloitte Consulting   Arlington, VA
Business Technology Analyst   September 2014-Present
- Providing technology solutions to federal clients in the Washington DC metropolitan area
- Developing custom ETL tools for a large-scale data warehouse implementation for a manufacturing client
- Troubleshooting legacy code to improve performance and follow best practices
- Active in a wide range of SDLC responsibilities including requirements gathering, data modeling, ETL process design, and troubleshooting of production environment issues

Technical Environment: PL/SQL, Informatica PowerCenter, Oracle (ODI, OBIEE, Toad)

Alternative Energy Solutions, Dominion Resources   Richmond, VA
Business & Policy Evaluation Intern   May 2013-August 2013
- Modeled the disruptive effects of distributed solar generation and energy storage on the existing utility business model
- Conducted patent and market research on pre-patent proprietary technologies

Energy & Utilities Department, University of Virginia   Charlottesville, VA
Energy Engineering Intern   May 2012-May 2013
- Assisted in oversight of University-wide SCADA systems and selection of new infrastructure improvements
- Managed energy efficiency retro-commissioning projects in approximately 400,000 sq. ft. of building space

School of Engineering and Applied Science, University of Virginia   Charlottesville, VA
Teaching Assistant, January Term   December 2012-January 2013
- Course: "Earth Systems Engineering Management"
- Provided instruction and guidance to teams applying systems engineering methodology to complex problems

Afton Chemical, NewMarket Corporation   Richmond, VA
Sustainability Intern   May 2011-August 2011
- Researched and summarized corporate social responsibility practices of chemical industry
- Performed life-cycle environmental footprint assessments of production processes

EDUCATION

University of Virginia, School of Engineering and Applied Science   August 2010 – May 2014
Major: Systems Engineering   Skills: Java, HTML, PHP, CSS, Monte Carlo Simulation, R, Minitab, Excel
Minors: Engineering Business
GPA 3.4/4.0   Professional Society Affiliation: INCOSE

LEADERSHIP AND ACTIVITIES

UVA Chapter of the International Council on Systems Engineering (INCOSE)   May 2012-May 2014
- President – represented over 300 students, served as intermediary between faculty, recruiters and students (2013-2014)
- Networking Chair – planned networking events with over 40 companies (2012-2013)

Zero-Waste Athletics Initiative – *Co-Founder*   October 2010-May 2014
- Founded initiative with goal of diverting all wastes created at U.Va. athletic venues from landfill
- Directed 7 research teams amounting to 30 students in the Commerce 3880/Global Sustainability course
- Secured grants and sponsorships totaling over $12,000 to support pilot events with over 17,500 aggregate attendees

Phi Gamma Delta   January 2011-May 2014
- Corresponding Secretary – managed operations of 65-brother house as a member of the executive board
- Graduate Relations Chair – managed budget of $12,000, actively communicated with alumni and U.Va. administration

RESEARCH, AWARDS AND HONORS

Capstone Project: Systemic Risk in the U.S. Banking Industry   August 2013-May 2014
- Year-long thesis on the development of macroeconomic risk indicators
- Presented at the 2014 IEEE Systems and Information Engineering Design Symposium (SIEDS)
- Authored supplemental report: "Implications of High-Frequency Trading and Dark Pools on U.S. Market Structure and Stability"

CBURG Grant (U.Va.)   March 2012-April 2013
- Competitive research grant awarded for collaborative partnerships between university and community
- Project: "U.Va. and the Smart Grid: Incentivizing Energy Efficiency in the U.Va. Community"

Eagle Scout, Boys Scouts of America   December 2009