

# Andrew Wilson

Front-end & data science consultant

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## Summary

Technology is a powerful and pervasive force.

Customer discovery and data analytics should drive strategy.

Systems thinking leads to adaptable and scalable architectures/platforms.

The pace of change offers countless opportunities to those who can keep up.

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## Experience

Independent Consultant at &Wilson

January 2018 - Present

- Strategy consulting with a heavy emphasis on data analytics
- Development of dynamic, secure, and user-friendly mobile / web apps

Lead Product Developer at Silverthread, Inc.

January 2016 - December 2017 (2 years)

- Built the CodeMRI product front-end that assigns quality and cost metrics to legacy code bases
- Designed a product portfolio and product prototypes guided by customer discovery efforts
- Created marketing materials to simply explain the benefits of a complex offering

Consultant at Endeavour Partners

June 2014 - May 2017 (3 years)

- Created slide decks for clients in the technology space (e.g. Samsung, Verizon, Motorola) outlining strategic initiatives and go-to-market plans
- Designed and developed dynamic financial models for clients [using R, Google Scripts, and Excel]

Research Associate Co-op at Endeavour Partners

July 2013 - January 2014 (7 months)

- Conducted a number of in-depth research tasks within the mobile technology ecosystem
- Contributed prose and informational graphics to expert reports for use in technology patent litigation cases
- Wrote a variety of automated scripts and optimized financial spreadsheets to streamline internal operations
- Presented two research projects on state-of-the-art software development techniques and methodologies

Energy Audit Co-op at Bluestone Energy Services, LLC

#### July 2012 - January 2013 (7 months)

- Audited and analyzed existing lighting and HVAC systems and selected appropriate energy efficient retrofits
- Developed a database using Microsoft Access, VBA, and SQL to track and manage data loggers and sensors
- Prepared and submitted utility incentive applications and simplified the process by optimizing spreadsheets
- Created and updated graphical interfaces for data center cooling and control systems

#### Supply Chain Co-op at Free Flow Power

##### July 2011 - February 2012 (8 months)

- Engaged with over 100 contractors and suppliers regarding hydrokinetic power generation projects
- Collected material and labor quotes to develop a dynamic submarine cable laying cost model
- Performed research and composed reports to determine the best installation and maintenance procedures
- Traveled to Louisiana to meet with vendors and to install custom parts on a hydrokinetic turbine

#### Lab technician

##### 2007 - 2012 (6 years)

- Poured, trimmed, and duplicated die stone models using patients' impressions from dentists
- Applied a resin to the models and manually milled crowns and bridges to full contour

#### Snowboard Instructor at Ski Ward, Inc

##### 2004 - 2012 (9 years)

- Coached snowboarding at all skill levels, managed lesson distribution, and led ITC (Instructor Training Course)

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## Education

#### Northeastern University

BS, Industrial Engineering, 2009 - 2014

Activities and Societies: Honors Program, Downhillers Ski Club, Resident Assistant, Study Abroad in Australia and Peru, Institute of Industrial Engineers, Entrepreneurs Club, Social Enterprise Institute, Model UN, Intramurals

#### University of Sydney

Industrial Engineering, 2012 - 2012

#### Shrewsbury High School

2005 - 2009

Activities and Societies: Varsity Soccer and Lacrosse

Online Courses

Technology



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[Contact Andrew on LinkedIn](#)