

Colton Smith

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EDUCATION

University of Washington

Seattle, WA

Bachelor of Science in Industrial and Systems Engineering

June 2017

- Minor: Applied Mathematics
- Top 64 at Parliamentary Debate Nationals (2014 NPDA)
- Active member of Delta Tau Delta Fraternity, Ritual Educator and Academic Captain
- GPA: 3.48, Major GPA: 3.88

Relevant Coursework: Data Structures and Algorithms, Advanced Scientific Computing, Probability and Statistics, Design of Experiments and Regression Analysis, Linear and Network Programming, Stochastic Models and Decision Analysis, Technical Communication

EXPERIENCE

Quantoisseur

Seattle, WA

Quantitative Trading Writer

Sep 2016 – Present

- Analyze different trading strategies (MACD, SMI, SMA, RSI, Bollinger Bands, etc.)
- Implement risk management techniques including ATR position sizing and trailing stops
- In-depth literature review of trading strategies that incorporate social media sentiment

Micron Technology

Boise, ID

R&D Industrial Engineering Intern

Jun 2016 – Aug 2016

- Turned a quarterly capital allocation analysis from taking days of manual work to a push button automated report that only takes 3 hours, giving senior leadership improved visibility to make capital decisions and saving an estimated 200 man hours annually
- Built an interactive financial model deployed as a web application for analyzing time-to-market impact that can help visualize and support multi-million dollar decisions

Gensco Inc

Fife, WA

Manufacturing Engineering Intern

Jun 2015 – Aug 2015

- Digitized HVAC part patterns using NShot and AutoCAD to improve efficiency in laser cutting operations
- Built and PLC programmed a forklift warning system make walkways safer
- Redesigned machine parts in SolidWorks to lengthen machine life and reduce waste

Foundation Briefs, LCC

Palo Alto, CA

Foundation Briefs Researcher

Oct 2013 – Jun 2015

- Research company spanning variety of public policy, philosophical, and social topics
- Researched and helped write one of the best-selling research briefs in the country on high school debate topics

University of Washington – Dr. Ozander

Seattle, WA

Applied Math Researcher

Dec 2014 – Mar 2015

- Computational fluid dynamics research using MATLAB and Mathematica
- Improved a 2D linear advection program

LEADERSHIP ROLES AND ACTIVITIES

President, University of Washington Math Club

Jan 2016 – Present

Director of Public Relations, University of Washington IISE Chapter

May 2016 – Present

Associate, Startup Hall

Sep 2015 – Dec 2015

PERSONAL

Technical Experience: Java, SQL, VBA/Macros, R, Python, MATLAB, Mathematica

Other: Quantitative Trading, Statistical Analysis, Financial Modeling, Data Visualization, Research, Public Speaking