

Dylan McDowell

(951) 491-5713 | dylan.mcdowell226@gmail.com | dylanjm.github.io

Academic Experience

Brigham Young University - Idaho

Bachelor of Science in Financial Economics

Rexburg, ID

April 2018

- *Advanced GPA:* 3.56 (Last 60 Credits) - Focus in Economics, Computational Statistics, Accounting & Financial Analysis
- *Academic Clusters:* Computer Science (17 Credits); Mathematics - Statistics (17 Credits)
- *Certifications:* Bloomberg Market Concepts, Harvard Business School Spreadsheet Modeling Online Course
- *Relevant Coursework:* Financial Analytics, Investment Analysis, Managerial Accounting, Bayesian Statistics, Econometrics

Professional Experience

Summer Analyst - Private Equity

Goldman, Sachs & Co.

Salt Lake City, UT

Jun 2017 - Aug 2017

- Generated cash flow analysis, distribution, and fund performance reports utilizing several database tools and Excel VBA
- Assisted in forecasting future revenues to the alternative investments business by building out several Excel VBA models
- Developed client reports detailing quarter-end investment performance and risk exposure within the private equity group

State Champion - CFA Equity Research

CFA Institute Research Challenge

Boise, ID

Nov 2016 - Apr 2017

- Computed 12-month target price for US Ecology using Discounted Cash Flow, Monte Carlo, and Multiple Comps analysis
- Crafted a thorough due diligence report and presentation detailing bottom-up research and valuation of ECOL and industry
- Won Idaho state championship awarded by a panel of CFA judges who critiqued the written report and oral presentation

Quantitative Analyst

BYU-Idaho Statistical Consulting Group

Rexburg, ID

Jan 2017 - Apr 2017

- Proposed creation of real estate market to university board members for on-campus businesses to increase rent revenue
- Modeled student foot traffic and crowd behavior in a geospatial analysis using data collected across several SQL databases
- Demonstrated how geographic risk could be minimized while increasing business revenue 6 percent when changing locations

Research Assistant

BYU-Idaho Department of Economics

Rexburg, ID

Jan 2017 - Apr 2017

- Provided research to the field of the Economics by studying the relationship between gap year students and future success
- Cleaned large sets of economic data by writing scripts in R and STATA so that proper statistical analysis could be utilized
- Programmed a web-scraping application that was able to find a list of the top colleges in United States going back to 2002

Executive Vice-President

BYU-Idaho Investment Society

Rexburg, ID

Sept 2016 - Apr 2017

- Managed the allocation of the society's \$5.2 million investment fund by providing in-depth research on several asset classes
- Oversaw and evaluated groups of Senior Analysts and their teams doing macroeconomic research in the equities asset classes
- Produced ~22 percent in returns from Q4 - Q1 2017 by shifting to an aggressive portfolio allocation, overweight equities

Economic Analyst

Idaho Research & Business Development Center

Sugar City, ID

Sept 2016 - Jan 2017

- Led a team of twelve research associates in an economic tax revenue study to increase the impact area of Sugar City, Idaho
- Advised a land use and tax revenue allocation amount that would allow the city to grow by over 600 percent over 15 years
- Presented economic findings in a public forum to the city council and mayor - study became key in their case for the county

President

BYU-Idaho Economics Society

Rexburg, ID

Jan 2016 - Apr 2017

- Increased attendance by over 300 percent by launching a marketing campaign across campus and to non-active students
- Instituted a semesterly research project program that allowed students interested in academic research to gain experience
- Built a network of relationships with employers and alumni who have been able to offer our students intern opportunities

Skills & Qualifications

- Proficient in C++, Java, Python, R, VBA, HTML - Familiar with Swift, JavaScript, Stata, SQL - Interested in Julia, Lisp, Rust
- National Up To Us Campaign - Placed top 15 out of 200 colleges in the US - Recognized at the CGIU Conference 2016
- Developed an online R tutorial video series for the BYU-I Mathematics Department to help students learn statistics
- Founder of the Epsilon Chapter in Idaho of the Omicron Delta Epsilon National Economics Honor Society at BYU-Idaho
- High School and Collegiate Wrestler - 160 and 197 weight class respectively - Coach Freshman and Junior Wrestlers