

DANIEL G. WILSON

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education	Princeton University Princeton, NJ 2018 Operations Research and Financial Engineering Finance, Statistics and Machine Learning, Entrepreneurship <i>Relevant coursework: Big Data, Regression and Applied Time Series, Financial Mathematics, Monte Carlo, Optimization, Probability and Stochastic Systems, Financial Investments, Corporate Finance</i>
	Jesuit High School Tampa, FL 2014 Valedictorian, National Merit Finalist, SAT 2340 (790 800 750)
professional experience	Microsoft // Program Manager, Office Platform Extensibility Redmond, WA Fall 2018 - Present <ul style="list-style-type: none">Lead effort to safely deprecate and replace unstable UI component library used by 22.2% of platformPrimary driver for UI/UX efforts, accessibility, and data analysis for developer experiencePioneered automated scraping tool to collect unprecedented data on developer preference and performance. BNP Paribas // Global Markets Summer Analyst New York, NY Summer 2017 <ul style="list-style-type: none">Shortened end of day report time from 40 minutes to 30 seconds for Prime Services Sales & Trading deskDecreased PS S&T trader time spent on short approvals by 27% using machine learning modelsAutomated VIX volatility surface heatmap reporting for Equity Derivatives Strategy (new functionality) BMW of North America // Freelance Corp. Fin. Consultant Woodcliff Lake, NJ Aug 2017 - Jun 2018 <ul style="list-style-type: none">Working directly with President of BMW US Capital group to improve cash flow forecasting models and platform.Machine learning/time-series feature research suggest 15-20% reduction in variance significantly helping P&L. Booz Allen Hamilton // Consulting Intern Washington, D.C. Summer 2016 <ul style="list-style-type: none">Managed team of 6 on open data analysis framework for USDA account. Projected 12% efficiency increase of Supplemental Nutrition Assistance Program under our policy recommendationsBuilt insights forecasting platform with R, Amazon Web Services, random forest, and k-means Merck // Associate Specialist Boston, MA Summer 2015 <ul style="list-style-type: none">Lead research into disease tracking through social media and blockchain storage for electronic medical records
organization leadership	Ivy Council // President, Board of Trustees June 2015 - Present <ul style="list-style-type: none">Managed 40 officers and coordinated over 1,300 members across 8 Ivy Universities + Stanford and MITOrganized and operated two national conferences per year as well as several international trips Designation Conference // Creative Director Jan - April 2017 <ul style="list-style-type: none">Managed 20 officers to design and execute day of setup, design, scheduling, and operation of the eventTeam raised \$60,000+ & recieved 1000+ applications from 30+ top universities (9.6% acceptance rate) IgniteSTEM and Entrepreneurship Club Conferences // Founding Director Jul 2015 - May 2017 <ul style="list-style-type: none">Co-directed team of 15 to start a 200 person education technology conference in NYCRaised over \$50,000, coordinated transportation, day-of logistics, branding, outreach, and contentExpanded to two conferences adding Envision, a technology and social impact conference with national reach
awards & honors	Tiger Trek 2016 // 1 of 20 top students selected to meet with and learn from top venture capitalists and tech CEOs in Silicon Valley. Highlights included Sergey Brin (Google) and Peter Fenton (Benchmark) World Internet Conference 2015 // USA student delegate to WIC 2015 in Wuzhen, China. Spoke with top tech CEOs and heads of state about the direction and future of the Internet
additional	Software Engineering // Python, TypeScript, JavaScript, Node, React, VBA, R, Objective-C, Amazon AWS, Java, HTML, CSS, MatLab, 12K+ Reputation on StackOverflow <i>Projects: iOS development: Crash Pad Drums (150K+ downloads), Chaz: The Epic Journey Home</i> Graphic Design & Video Production // Experienced freelancer. Produced launch video for Y Combinator startup Big Data Analysis & Machine Learning // Algorithmic and statistical analyses in R, Python, MatLab, and Knime—proficiency in classification and clustering
interests	Talk to Me About // Cooking, Travel, Design, Film, Data Science, Human Psychology and Neuroscience, Startups, Living in Argentina, Electronic Dance Music, and Guitar