

DANIEL G. WILSON

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education	Princeton University Princeton, NJ Operations Research and Financial Engineering Finance, Statistics and Machine Learning <i>Relevant coursework: Big Data, Regression and Applied Time Series, Financial Mathematics, Monte Carlo, Optimization, Probability and Stochastic Systems, Financial Investments, Corporate Finance</i>	2018
	Jesuit High School Tampa, FL Valedictorian, National Merit Finalist, SAT 2340 (790 800 750)	2014
professional experience	BNP Paribas // Global Markets Summer Analyst New York, NY <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)Produced daily currency volume projections from proprietary time series data for FX desk	Summer 2017
	Booz Allen Hamilton // Consulting Intern Washington, D.C. <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, AWS RDS, random forest, and k-meansPioneered new deal proposal presentation methods using animated vector motion graphics	Summer 2016
	Merck // Associate Specialist Boston, MA <ul style="list-style-type: none">Lead research into disease tracking through social media and blockchain storage for electronic medical recordsImplemented algorithm to predict user location even when private based on friend/follower network with ~70% accuracyDeveloped block chain parasite for intellectual property verification and permissions	Summer 2015
organization leadership	Ivy Council // President <ul style="list-style-type: none">Managed 40 officers and coordinated over 500 members across 8 Ivy Universities + Stanford and MITSpearheaded rebranding of organization and restructuring of student and alumni networksOrganized and operated two national conferences per year as well as several international trips	June 2015 - Present
	Designation Conference // Creative Director <ul style="list-style-type: none">Organized national conference on design and user experience for top students interested in the spaceFeatured creative executives from Google, Fox, Adobe, Airbnb, McKinsey & more at 7 World Trade Center, NYCTeam raised \$60,000+ & recieved 1000+ applications from 30+ top universities (9.6% acceptance rate)Managed 20 officers to design and execute day of setup, design, scheduling, and operation of the event	Jan - April 2017
	IgniteSTEM and Entrepreneurship Club Conferences // Founding Director <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 and day-of logistics, handled branding, outreach, and conference programming/contentExpanded to two conferences adding Envision, a technology and social impact conference with national reach	Jul 2015 - May 2017
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, R, Objective-C, Javascript, Amazon AWS, Java, HTML, CSS, MatLab, 11K 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, Startups, Living in Argentina, Electronic Dance Music, and Guitar	