

JEFFREY NG

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EDUCATION

- University of Pennsylvania – School of Engineering and Applied Science** Philadelphia, PA Expected May 2016
- B.S. in Engineering (Systems Science and Engineering), Minor in Math and Economics
 - Six college scholarships, including the Simon Youth Community Scholarship and the AXA Community Scholarship
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EXPERIENCE

- PricewaterhouseCoopers Consulting (return offer received)** New York, NY 6/2015 – 8/2015
Advisory Summer Associate
- Interviewed external client to assess cyber and IT security capabilities in multiple areas including: security strategy and operations, risk management, breach detection and response, security architecture, identity and access management, and data loss prevention.
 - Identified client's peers and collaborated with PwC colleagues in international offices to compile benchmarking data; created Visual Basic (VBA) scripts to analyze data, and used output to identify areas for improvement and to develop remediation roadmap.
- Samsung Electronics America (return offer received)** Ridgefield Park, NJ 6/2014 – 8/2014
Supply Chain Management Intern
- Developed VBA tool to integrate pipeline opportunities from sales into supply chain forecasts, resulting in improved forecast accuracy, and gathered feedback and support from stakeholders for adoption of VBA tool across multiple business units.
 - Enhanced efficiency of key business process by automating weekly supply chain report, decreasing man-hours by 66%.
- eBay Enterprise (return offer received)** King of Prussia, PA 6/2013 – 8/2013
Developer/ Programmer Intern
- Improved key business process and furthered transparency of organization by developing an online portal using PHP, MySQL, and jQuery, enabling top clients to easily view the workflow status of their requests.
 - Increased efficiency of team through creation of centralized document repository to improve accessibility of essential documents.
- Alphabuyer (Commercial and consumer energy platform- return offer received)** Philadelphia, PA 5/2012 – 8/2012
Technology, Marketing and Operations Analyst
- Created Excel macros to streamline data analysis and produce savings reports for commercial and residential electric accounts.
 - Proposed and managed implementation of affiliate program to increase number of service offerings, which led to increased revenue.
- Matt Paul Sports (Youth sports training)** Philadelphia, PA 3/2008 – Present
Head of Technology, Marketing and New Media
- Managed designers and developers during website redesign to ensure specifications were met and project was completed on schedule.
 - Moved website to the top of result pages by implementing website analytics, search engine optimization, and targeted landing pages.
 - Improved online engagement by doubling email marketing click-through rate, Facebook likes, and website visits in three months.
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EXTRACURRICULAR ACTIVITIES

- Wharton Undergraduate Consulting Club** Fall 2014 – Present
Advisor/ Consultant
- Conducted competitor analysis and developed detailed marketing strategy for a social media startup company, Down to Chill.
 - Developed strategies using information economic principles and research to maximize app adoption.
- Penn Science Across Ages – Student led organization teaching science in Philadelphia public schools** Fall 2012 – Present
President, Section Leader, and Board Member
- Led 14 board members to revamp recruiting strategy resulting in doubling of active members in first semester as President.
 - Managed group's transition to new public school, overhauled the curriculum, and implemented new robotics mentoring program.
 - Improved organization's efficiency with an automated reimbursement workflow and VBA Excel tool to quickly assign students to classrooms; increased efficiency by 50% and 75% respectively.
- FIRST Robotics – International robotics organization** Fall 2008 – Present
FRC Team Captain / FLL Steering Committee Member, Event Coordinator, Coach and Judge / FTC Mentor
- FRC: Two-time recipient of FIRST scholarship. Developed team's first scouting app, website, business plan, fundraiser and promo video. Won Best Website, Chairman's Award (FIRST's most prestigious award), four regional competitions, and was World Finalist.
 - FLL: FLL Leadership Award recipient. Mentored two award winning FLL teams in robot design and project research. Managed events with over 3,000 attendees, coordinated logistics of FLL competitions held in Philadelphia area, and developed web apps to streamline judging and team queuing, and disseminate information to participants. Judged robot designs at competitions.
 - FTC: Mentored Philadelphia public school competing in FTC on all aspects of robot design and programming.
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SKILLS

- PHP • MySQL • VBA • Project Management • Technology Strategy • Process Improvement & Automation • Supply Chain