

LUKAS VACEK

[Email redacted] ♦ www.lukasvacek.com

EDUCATION & QUALIFICATIONS

Wharton School of Business, University of Pennsylvania ♦ Philadelphia, PA	08/2013 – 05/2017
• Bachelor of Science in Economics: concentration in Finance	
School of Engineering and Applied Science, University of Pennsylvania ♦ Philadelphia, PA	08/2013 – 05/2017
• Bachelor of Science in Engineering: major in Computer Science; minor in Mathematics	
French International School ♦ Hong Kong	09/2003 – 05/2013
Hong Kong Securities and Investment Institute: Licensing Examination ♦ Hong Kong	
• Paper 1: Fundamentals of Securities and Futures Regulation	12/2022
• Paper 2: Regulation of Securities	01/2023

PROFESSIONAL EXPERIENCE

Zoomba Limited: Director	03/2021 – <i>present</i>
• Successfully led ~30 consulting projects; usually run in collaboration with other consulting firms (incl. MBB)	
• Industry focus on private equity funds and their portfolio companies (strong exposure to healthcare and biotech)	
• Scope of consulting projects included: assessing market size, competitive dynamics & landscape, growth strategy, potential operational improvements and product segmentation & differentiation	
McKinsey & Company: Engagement Manager	08/2017 – 04/2020
• Promoted directly from Business Analyst to Engagement Manager in 2019 (less than 2-year tenure as BA)	
• Specialized in strategy, corporate finance, private equity and large-scale, rapid corporate transformations	
• Ran projects with both large-cap and small-cap companies across the entire globe, in both developed & developing regions, including: United States, Europe, South East Asia & the Caribbean	
Sample projects include:	
• Multiple commercial, vendor and operational due diligences to assess market size, dynamics, competitive landscape and operational improvements across various industries, such as: electronic table games, advanced industries, healthcare, high tech, government services, automotive, travel and chemicals	
• Created a 'future of mobility' vision for supersonic air travel, including how this futuristic market could work	
• Identified a financial distress scenario in a publicly-traded client, resulting in an immediate, rapid transformation	
• Ran the cost reduction process, incl. improving procurement, for a public company as part of a large transformation	
• Built strategy for supermajor O&G company to expand into renewable energy, as part of a long-term transformation	
• Developed strategy for state-run health insurance company to respond to launch of universal healthcare	
• Designed the financial restructuring of a Caribbean-based company that suffered from long-term unprofitability	
• Created a go-to-market & competitive response strategy for a major payments company	
Multi-Robot Systems Lab, University of Pennsylvania: Student Researcher	05/2016 – 05/2017
• US patent US11609159B2 granted in 2023 (application US20180335372A1 published in 2018)	
• Designed guidance, navigation & control algorithms for agricultural aerial robots (e.g., mosquito trap deployment)	
• Worked on OpenUAV project (openuav.us) to create an open-source, easy-to-use hardware and software platform	
Amazon: Software Development Engineer for Alexa Machine Learning platform	05/2016 – 07/2016
• Developed ground truth data collection software for then-unannounced Echo Show & Echo Look	
MasterCard: Privacy & Data Protection	11/2015 – 05/2016
• Worked on anonymization of big data and creating policies to ensure data is not traceable back to the customer	
MasterCard: Process Optimization and Management, Legal & Franchise Integrity	05/2015 – 07/2015

ACTIVITIES

Penn Aerial Robotics: President & Founder	01/2014 – 05/2017
• Founded competitive team to build fully autonomous UAVs for various competitions	
• 1 st Place: NSF CPS-VO Competition, October 2016; Best Technical Paper Award: IARC, August 2016	
Student Activities Council: Executive Board	02/2015 – 02/2016
• Managed \$1.2 million budget to be distributed to member clubs and organizations	
Consult for America: Lead Project Manager (2015-16), Project Manager (2014-15), Consultant (2014)	01/2014 – 05/2016
• Lead four teams of students (~50 consultants in total) to help small businesses in Philadelphia	
Penn Mock Trial	09/2013 – 05/2017
• Captain: Fall 2014; Best Attorney Award: Yale Invitational Tournament 2015	
Penn Speech and Debate	09/2014 – 05/2017
Penn Ski Team	09/2016 – 05/2017

PERSONAL

- **FAA Private Pilot:** Aircraft Single-Engine Land; Remote sUAS Pilot for Commercial Use 08/2015 – *present*
- **International:** Lived in Bermuda, Hong Kong (permanent resident), USA, UK (pre-settled status); Czech citizen
- **Languages:** English (Native), Czech (Native), Mandarin, French