

# ROBERT PURINGTON KOENIG

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## EXPERIENCE

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- Oct' 2022 - Present     **Samsara**  
*Software Engineer*
- Researched, designed and implemented improvements to AI calibration [product](#) leading to 70% agent utilization gain and 30% customer satisfaction KPI improvement
  - Lowered backend latency of large, complex [customer settings](#) database operation by ~10-50x
  - Implemented CSV system for updating safety settings available to 10k+ enterprises
  - Won hackathon prize for [AI code review](#) which has been adopted by other engineers
- Sep' 2021 - Oct' 2022     **Starling**  
*Software Engineer*
- Designed and implemented part of [new public API](#)
  - Implemented new budget functionality within customer facing [web application](#)
  - On own initiative, wrote the documentation for Starling's backend, viewed thousands of times
- Jan' 2020 – July 2020     **Freelance**  
*Software Engineer*
- Re-developed the website for a Norwegian Arctic tour company, comprising 15+ web pages
  - Built trip planning functionality and content management systems
- Feb' 2017 – Dec' 2019     **Spoonzy**  
*Founder and CEO*
- Designed and built a full stack innovative online grocery shopping [platform](#)
  - Gained thousands of users, raised £100k investment and led two employees
  - Participated in the King's College London accelerator
- Sept' 2013 - Sept' 2016     **Baillie Gifford**  
*Investment Analyst*
- Performed long-term, bottom-up, deep-dive analysis on global equities, focused on software
  - Successfully recommended investment in Reply (REY) which appreciated 7,000%
  - Signed off as investment manager prior to departure in firm named the UK's best asset manager

## EDUCATION

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- July 2020 - Sept' 2021     **University of St Andrews**  
*MSc Computer Science, 1st Class*
- First class marks on all modules and coursework
  - Built [digital learning platform](#) for organic chemistry in collaboration with Edinburgh University
- Dec 2014     **CFA Institute**  
*Chartered Financial Analyst Level 1*
- Top marks in every exam category
- Sept' 2010 - June 2013     **SOAS and King's College London, University of London**  
*BA (Hons) Middle Eastern Studies and Geography, 1st Class*
- June 2011 – Aug' 2011     **London School of Economics, Summer School**  
*Statistics (A) Microeconomics (A-)*

## INTERESTS AND VOLUNTEERING

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- Squash*     Reached league 1 out of 14 at a competitive club. League organizer. Volunteer squash coach.
- Tutoring Society*     Founded and led university society which tutored and mentored 20+ sixth form students
- Debate Society*     Chair of SOAS Debate Society, placed 4th out of 74 at London School of Economics Intervarsity
- Travel & Volunteering*     From 2009-2010 traveled extensively in the Middle East to Yemen, Lebanon, Syria, and Israel. Imported olive oil soap to the USA. Volunteered at Beirut children's cancer hospital.