

ROBERT PURINGTON KOENIG

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EXPERIENCE

- Oct' 2022 - Present **Samsara**
Software Engineer
- Designed and implemented fundamental product and system improvements in Go and React
 - 70% efficiency gain and 30% customer satisfaction improvement for AI calibration [product](#)
 - Successfully collaborated with multiple non-technical stakeholders
 - Designed and implemented AI-enabled engineering practices, including [AI code review](#)
- Sep' 2021 - Oct' 2022 **Starling**
Software Engineer
- Designed and implemented [new public API](#) and backend systems with Java and PostgreSQL
 - Implemented customer facing [web application](#) in React
 - 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 large Norwegian Arctic tour company, front and back end
 - Wireframed and implemented 15 new pages and templates with support for three languages
 - 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

- 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 2011 **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

- 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.