Cheryl Jane Hung

Google 2013 - 2015 New York 2010 - 2013 London	**Technical program manager**, Local search UI Driving execution and delivery on a distributed engineering team of fifty people. **Software engineer**, Ground Truth Local; Zagat integration (technical lead); Google+ Local; Local search personalization Five years of professional software engineering development in C++, Python and Java.
BAE SYSTEMS Detica 2010 London	**Technical consultant**, e-Borders Provided data mining services to the UK Border Agency to understand the patterns of air, sea and rail passenger movement entering and leaving the United Kingdom. Part of the £742 million security systems program led by Raytheon.
UNIVERSITY OF CAMBRIDGE 2007 Cambridge, UK	**Industry perspectives researcher** Conducted telephone interviews and presented a report to the University of Cambridge Department of Chemistry on learnings and industry perspectives on postgraduates skills. **Web developer and technical writer** Redeveloped internal postgraduate website for personal development and skills training.
redgate 2006 Cambridge, UK	**User experience intern** Prototyped a new Microsoft SQL Server documentation tool. Audited Redgate websites and software for accessibility legal requirements.
UNIVERSITY OF CAMBRIDGE 2013 Masters 2006 - 2010 Bachelors	**University of Cambridge (King's College), Masters in Computer Science** *Gesture-controlled Robotics using the Vicon Motion Capture System* Group project manager for a Web 2.0 Research Gateway. **Undergraduate research associate**, Human-Computer Interaction Built a functional tree-based language for graphics manipulation, and associated programming environment.
1999 - 2006	**Valedictorian**, Forest Girls' School, London Full academic scholarship (~£10,000pa). 4 A levels at A, 2 AS levels at A and 11 GCSEs at A*. Awarded Computer Studies Prize, Bishop's Prize for the best GCSE results, Computing Project Prize.

Technical program management

- Sole technical program manager of a fifty person team across New York and California, comprising thirty-five software engineers, product managers, UI designers, and test engineers.
- Coordinated a complete visual refresh of Google Maps with Android and Search.
  - Defined dogfood communications via burndown charts and progress reports
  - Defined and enforced bug triage process and coordinated regression testing with QA team.
  - Used data analysis techniques and ran A/B experiments to understand revenue impact.
- Led the Zagat lists project after three years of failed starts, due to changing strategies and leadership in Google Maps.
  - Identified core features that were high quality, coherent and deliverable and advocated to senior leaders.
  - Recruited a team of user experience researchers, back and frontend engineers and coordinated work across eight teams. Defined timelines and oversaw the demo at Google's developer conference, Google I/O
  - Executed a successful launch on desktop and mobile web, Android and iOS.
- Performed resource planning and estimation for managing 1700 vendors in Hyderabad.

Software engineering

- Five years of professional software engineering development, and acting as technical lead.
- Areas of expertise:
  - C++, Python and Java.
  - Maps and location services, search and ranking infrastructure. Personalization and recommendation systems.
  - Internationalization, deploying, testing, and being on call for global Linux-based production systems.
  - Designing and implementing APIs for mobile clients. Created AngularJS webapp.
  - Logging and metrics of user experience.

Leadership and people management

- Increased team impact, velocity and visibility through release notes, tech talks, quarterly objectives, and retrospectives.
- Conducted technical interviews and hosted two software engineering interns, defining their projects and milestones, holding weekly progress meetings, and career mentoring.
- Presenting tech talks at the University of Cambridge, Imperial College London and schools, building soft influence externally.
- Supported diversity programs through 100 hours of mentoring female, minority and disabled Computer Science undergraduates, reviewing scholarship applications and organizing the inaugural Women@Google EMEA summit.