

Peter Burkimsher

MEng Electronic Systems Engineering, Lancaster University, UK

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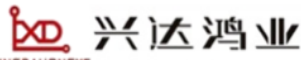
<http://essmart-global.com>



<http://answer.to>



<http://egoman.com.cn>



XINGDAHONGYE

<http://xingdahongye.com>



Professional Control

<http://www.etm.at>



<http://nkpeople.or.kr>



<http://www.fphcare.co.nz>



<http://www.lululemon.com>



<http://www.pixelgarde.com>



<http://www.wildmindcorp.com>



<http://www.healthdiplomats.com>



<http://www.modbook.com>



<http://friendsinternational.org.uk>

Objective

To create, test, and support technology to satisfy customer needs and meet environmental standards for electronic products with non-military applications.

Work Experience

• Product associate - Essmart Global; Pollachi, India — March-August 2014

Six month contract for social enterprise supplying solar lights, water filters, and cookstoves to rural villages. Found and tested new products, trained sales staff, and coded Android check-in app.

• Forum administrator - AnswerTo; Bangalore, India (remote) — February-March 2014

Converted StackOverflow database and wrote new original questions to start a premium QA site.

• Intern - Egoman Technology Corp; Shenzhen, China — April-August 2013

Four month contract for Raspberry Pi manufacturer, finding tutorials and demonstrating projects.

• Intern - Xingda Hongye PCB Co. Ltd.; Zhongshan, China — March-April 2013

One month at a PCB manufacturer, meeting production staff and advising marketing team.

• Summer University, ETM Siemens GmbH; Eisenstadt, Austria — August 2012

Programming value archive database for professional control company.

• Intern, Center for North Korean Defectors; Daegu, South Korea — May 2012-June 2012

• Intern - Sleep Algorithms Research, Fisher & Paykel Healthcare; Auckland, New Zealand — November 2011-March 2012

3 month contract for healthcare manufacturer. Ported device interface software to Mac, Windows, and Linux, made iPhone app to display real-time streaming data, integrated controller with Pertecs analogue computer, and wrote thorough documentation for demonstration systems.

• Network Operator, Lululemon; Vancouver, BC, Canada — October-November 2011

One month contract for yoga clothing manufacturer, testing the installation of new Cisco network equipment from company headquarters. Changed DNS and gateway settings, ran ping, VNC, and SSH tests, and guided on-site technicians through troubleshooting procedure.

• Mac OS developer, Pixelgarde; Lancaster, UK, Vancouver, BC (remote) — June-Sept 2011

Rewrote Mac version of photo metadata removal tool, implemented social sharing features.

• Intern - Product Deployment, Wildmind Corp; Taipei, Taiwan — July-Sept 2010

Wrote scripts to gather TV guide data for iPhone app, marketed to iPhone-using Facebook friends.

• Intern - Association Management and Database Trainee, HealthDiplomats; Trélex, Switzerland — June-August 2009

• Technical Support Associate, Axiotron Corp; El Segundo, CA, USA — July-September 2008

Forum support, hardware, and software development for tablet Mac manufacturer.

Volunteer Experience

• Hardware and software selection for distance-learning system for children in rural China, 2014.

• Reach Volunteer, Friends International; Lancaster, UK — September 2012-December 2012

• International café team member 2010-2012: organised and led cultural evenings.

• Edinburgh International Outreach, July 2011 and July 2012; international café daily for a month.

• Activism: Speak society president, raising awareness of social justice issues, e.g. FairTrade, COP15

• Event promotion: designed and passed out flyers, posters, and web tools for all current societies.

• Webmaster for One World Week 2010, Lancaster Leaflets. Designed and updated websites.

• Organised film screenings for LiNK charity: Santa Barbara, 2009; Lancaster, 2010, Vancouver 2011.

• Service projects: Youth For Christ to Romania, 2004, Poland, 2005+2006, school to Tanzania, 2006.

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Education

- **KAIST**, Daejeon, South Korea — August 2013-February 2014.
- **Lancaster University**, Lancaster, United Kingdom — MEng Electronic Systems Engineering, 2007-2011. First-class honours.
- **University of California, Santa Barbara**, Goleta, CA, USA — Education Abroad Programme, 2008-2009. Year 2: 3.53 GPA (4.0 max)
- **International School of Geneva**, Founex, Switzerland — International Baccalaureate, 1992-2007
Total: 39 points (45 max)

Academic Awards

- 2011: Lancaster Award, certificate of extra-curricular involvement.
- 2010: IET Prize for Outstanding Academic Achievement. Certificate, 2 years free IET membership.
- 2007: Lancaster University Engineering Department Scholarship. Cash award, 1st year only.
- 2007-2011: Lancaster University Subject Award. Cash award annually.

Current Extracurricular Activities

- Christian: SDA church, AG church
- International: Chinese coconut fibre traders

Personal Interests

- Computer programming: AppleScript, Bash, C, Cadence, Java, JavaScript, LabVIEW, MATLAB, Objective-C, PHP, Python, SolidWorks, Verilog, VHDL, Xilinx
- VLSI design, network architecture, sensor & control systems, automated testing
- Entrepreneurship: Buying, refurbishing and reselling a class set of iBooks in 2005; iPod repair at school; LUSARS Apple repair, Lancaster Leaflets flyer blog
- Outdoor activities: Cycling, hiking, skiing, swimming
- Independent travel: UK and US universities, Trans-Siberian, North Korea, global summer jobs.
- Maps: Visa requirements, dialing codes, VoIP providers, contacts

Languages

- English (mother tongue)
- French (good comprehension, intermediate expression)
- Informal language exchange: Mandarin Chinese, Japanese, Korean

References

Academic

Name: Dr Xiandong Ma

Position: Lecturer; 3rd Year Project Supervisor

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Personal

Name: Mr Victor Thomas

Position: Mentor; Pastor, The Point Community Church

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