

Peter Burkimsher

MEng Electronic Systems Engineering, Lancaster University, UK

94, Route du Pont de la London
F-01170 Chevry
France
T +1 210 369 8741
peterburk@gmail.com
<http://peterburk.github.com>



www.infofab.com, www.ose.com.tw



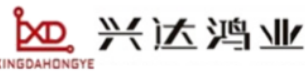
www.essmart-global.com



<http://answer.to>



<http://egoman.com.cn>



<http://xingdahongye.com>



<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

• Project Engineer - InfoFab and OSE; Kaohsiung, Taiwan — August 2014-August 2018

3 years at InfoFab (spinoff), transferred to OSE (parent company) with boss in 2018. Wrote driver software to control microSD card testing equipment, monitoring software to parse log files and send results to a SQL database, and a USB keyboard & mouse logger using a Raspberry Pi.

Configured a network monitoring dashboard, PBX systems and IT support for a client in Taipei, and evaluated Advanced Planning tools to improve scheduling in a memory chip factory. Took online training courses in big data processing with Elasticsearch and Tensorflow machine learning.

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

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

• 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

• 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

Installed, configured and tested Cisco network equipment during ADSL to T1 transition.

• 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

• CouchSurfing weekly meetup host; Kaohsiung, Taiwan — August 2016 - August 2018

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

• 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.

Peter Burkimsher

MEng Electronic Systems Engineering, Lancaster University, UK

94, Route du Pont de la London
F-01170 Chevry
France
T +1 210 369 8741
peterburk@gmail.com
<http://peterburk.github.com>



Education

- **GRE**, Vancouver, Canada — September 2011. 162 Verbal, 163 Quantitative, 5.0 Analytical Writing.
- **Lancaster University**, Lancaster, United Kingdom — MEng Electronic Systems Engineering, 2007-2011. Calculated 3.59 GPA (4.0 max). 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.
- 2007-2011: Lancaster University Subject Award, Engineering Department Scholarships.

Current Extracurricular Activities

- Christian: KHOP Prayer room, KGCC youth group (Chinese), Zion Church (Chinese), KIC Church (English), visiting children in the hospital with KTL.
- International: CouchSurfing meetup, attending 2014-2018. Weekly Chinese class.

Personal Interests

- Circuit design, network architecture, sensor & control systems, automated testing.
- Computer programming: AppleScript, Bash, C, Cadence, Java, JavaScript, LabVIEW, MATLAB, Objective-C, PHP, Python, SolidWorks, Verilog, VHDL, Xilinx. <http://peterburk.github.com>
- 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, swimming, skiing, paragliding.
- Independent travel: UK and US universities, Trans-Siberian, North Korea, global summer jobs.
- Chinese-learning software at <http://pingtype.github.io>
- Ideas at <http://www.halfbakery.com/user/peterburk>
- Software projects on Hacker News. <https://news.ycombinator.com/user?id=peterburkimsher>

Languages

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

References

Professional: Mr Edward Duh

Position: Chairman, OSE. Supervisor at InfoFab and OSE.

Address: 9 Central 3rd Street, Nanzi Export Processing Zone, Kaohsiung 811, Taiwan

Tel: +886 7-361-3131, Email: Edward_S._Duh@ose.com.tw

Personal: Mr Matus Peciar

Position: Programmer, worked together on side projects.

Address: Generala Svobodu 828/71, Partizanske 95801, Slovakia

Tel: 0909083422, Email: peciar.matus@gmail.com

CouchSurfing: <https://www.couchsurfing.com/people/peterburk>

