

KAREL MORAVEC

11682 台北市文山區萬盛街 167 號 4 樓

PHONE: +886911669204 • EMAIL: KMORAVEC@GMAIL.COM

PROFESSIONAL EXPERIENCE

Software Engineer: Protech Systems Co., Ltd, Taipei, (2010-present)

- port, debug, maintain and test *UEFI BIOS* (C language platform) on x86 PC architecture projects including ODM contracts for NEC, Hitachi and Toshiba
- setup, test and prepare for certification boards featuring *Intel vPro* with cooperation with Intel
- creating and maintaining user documentation; respond to customers questions/requests
- three of my projects awarded by Taiwan Excellence Awards in 2012 and 2015
- found issues in vendor (AMI and Intel) source code and documentation, submitted patches
- improved versioning & projects history procedure for the BIOS team

Translator & Software Tester: Aibelive Co., Ltd, Taipei, (2008-2010)

- translated (*English* to *Czech*) software application used in Asus products, *part-time work*
- beta tested user experience for voice-command feature

Student Ambassador: Office of International Affairs, National Taiwan University, Taipei, (2008-2010)

- assisted international scholars, guests and visiting professors; supported events hold by office

Hardware Designer: Skoda Machine Tool, Plzen, Czech Republic, (1997-1998)

- technical designer for CNC horizontal boring machine and lathe in electric department, projects for South Africa, Austria and United States
- created and maintained schematics (1000+ pages) & BOM for projects in CAD software EPlan

EDUCATION

National Taiwan University (國立台灣大學): Graduate Institute of Electrical Engineering, Taipei, (2006-unfinished)

- PhD program, member of *Verification Automation Lab*

University of West Bohemia: Faculty of Electrical Engineering, Plzen, Czech Republic, (1998-2003)

- master's degree, major in: *Electrical Engineering and Informatics*

Secondary Technical School, Plzen, Czech Republic, (1993-1997)

- school leaving examination in 1997, field of study: *Telecommunication Networks*

OTHER FACTS

- Python (familiar), C/C++ (prior experience); experienced in x86 computer architecture, hardware debugging and troubleshooting
- purchase recommendation, troubleshooting and general support with computers and portable devices for friends and relatives
- power user skills and problem solving in Microsoft Windows, GNU/Linux and Mac OS X
- experience with virtual machines (Xen, KVM, VMware)

VOLUNTEERY WORK

Superuser Level 1: Foursquare Labs Inc., (2013-present)

- created, maintained and edited venues in the database

Board Advisor: NTUFSA (NTU Foreign Student's Association), Taipei (2008-2010)

- 250+ members
- helped with events and club issues to NTUFSA board members along with other advisers

Public Relations: 2nd International Soccer Festival, Taipei, (May 2008)

- 13 universities all over Taiwan, 169 players, 70+ volunteers
- contacted media and team captains, supervised group of volunteers

Secretary: NTUFSA (NTU Foreign Student's Association), (2007-2008)

- 200+ members
- organized events, cooperation between the club and Office of International Affairs

Student Coordinator: Faculty of Electrical Engineering, University of West Bohemia, Plzen, (2004)

- first-step help for freshmen students
- cooperated with the dean's office

OTHER EXPERIENCE

Winter Ecology Course, Oulanka Research Station, Finland, (March 2005)

- worked on assigned projects with team members
- project content: fields measurement, specimen analysis, report presentation

Archeological Excavation, research site nearby Kieriki, Finland (May 2005)

- main tasks: digging, cataloging findings, working with tachymeter, terrain surveying
- assigned to write daily journal