

EDUCATION

DOCTOR OF PHILOSOPHY
Curtin University, 2017

BACH. SCIENCE (COMPUTER SCIENCE)
(HONOURS)
Curtin University, 2001

GRAD.DIP BUSINESS
Curtin University, 2000

BACH. SCIENCE (COMPUTER SCIENCE)
Australian National University, 1994

BACH. APP. SCIENCE (MATHEMATICS)
Queensland University of
Technology, 1989

RESEARCH INTERESTS

Predictive Analytics • Computer Vision
Artificial Intelligence • Machine Learning
Computer Security • Programming

TRAINING

Cyber Security Training, 2021
Ethics Reviewer Training, 2021
Equal Opportunity Work Essentials,
2021
HDR Supervisors Update, 2020
Curtin Research Integrity, 2020
Provide advanced first aid, 2012-2019

OPEN SOURCE PROJECTS

Image Processing for Orange, Ongoing
Graph Merging, Scikit Image, 2015
User Guide, imgAnnotation Tool, 2014

PROGRAMMING SKILLS

Python • C/C++ • Java • C#
JavaScript • Matlab • PHP • CSS
HTML • \LaTeX • SQL • Bash

AFFILIATIONS

Certified Professional, Australian
Computer Society, 2021

PERSONAL INTERESTS

Karate • Muay Thai • Krav Maga
Rugby • Tennis

ONLINE PRESENCE

LinkedIn//: [michaelborck](#)
Github//: [michaelborck](#)

REFERENCES

Available upon request

EXPERIENCE

LECTURER

Curtin University, Feb 2016 - , Perth, WA

- Course Lead for IS undergraduate and postgraduate degree programs
- Unit coordination at the postgraduate and undergraduate level; core, non-core and service units both domestically and internationally.

IS CONSULTANT

Jan 2016 - , Perth, WA

- IS/IT consultation and analysis
- Provision of Managed IT Services

RESEARCHER

Curtin University, Mar 2018 - 2019, Perth, WA

- Investigation and development of CNN models and their application to the maritime environment

SOFTWARE CONTRACTOR

CRCSI & Landgate WA, Mar 2015 - Jan 2016, Perth, WA

- Provided skills and expertise in street sign inventory systems
- Develop tool for automatic detection and recognition of street signs

IT CONSULTANT

Owner, Bitat IT Consulting Services, Jan 2008 - Jan 2011, Perth, WA

- Provided business and technical analysis to clients.
- Develop and support backup and monitoring code of servers and databases.

ASSOCIATE LECTURER

Curtin University, Jan 2001 - Dec 2007, Perth, WA

- Provide departmental representations on committees.
- Unit coordination at the postgraduate and undergraduate level; core, non-core and service units both domestically and internationally.
- Develop and deliver course material for Software Engineering and Computer Science degrees.

IT MANAGER

Submarine Systems Centre, RAN, Jul 1996 - Jan 2000, Perth, WA

- Manage the information technology to support the goals of the organisation.
- Provide advice to senior managers and boards on IT issues.

PROJECT MANAGER

Command and Control, HQADF, Jul 1993 - Jul 1996, Perth, WA

- Manage project developing military messaging systems
- Maintain and control cost, schedule and quality of project activities.

ANALYST/PROGRAMMER

Manpower and Pay Project, HQADF, Aug 1991 - Jun 1993, Canberra, ACT

- Document user requirement, conduct code reviews and build models using CASE tools. Including data modeling, process modeling, database design, program design, and interface design.

SYSTEM ADMINISTRATOR

Manpower and Personnel, RAN, Mar 1989 - Aug 1991, Canberra, ACT

- Install, configure and maintain network and computers systems.
- Undertake recovery action in the event of a system failure.