

cv@niallmcmahon.com

Engineer and CEO at Simpitiko. Computer codes and energy

EXPERIENCE

- Simpitiko** 2017+
CEO and Founder; Ireland
- Trinity College Dublin** 2015 – 2017
Senior Research Fellow; Dublin, Ireland
- ◊ Lead Researcher and Founder, Distributed Wind Energy Group
 - ◊ Led proposal for IEA Task 39 on wind turbine sound/noise to approval
 - ◊ Raised > €150,000 in external funding
- (Adviser, energy; Ireland and UK. 2014 – 2016)
- Airsynergy** 2014
Head of Product and CTO; Longford, Ireland
- ◊ Reporting to CEO, built wind turbine engineering team/design studio/workshop/warehouse
 - ◊ Delivered kW scale wind turbine system prototypes and initiated ISO/IEC and doc. control
 - ◊ Company had raised €7 million in private investment
- Centre for Renewable Energy at DkIT** 2011 – 2014
Lecturer and Centre Director; Dundalk, Ireland
- ◊ Wind energy lecturer, course director M.Sc. Renewable Energy Systems
 - ◊ Invited to Hong Kong by govt., spent time researching in Warsaw
- Ampair** 2010 – 2011
Engineer; Dorset, England
- ◊ Responsible for mechanical engineering, reporting to CEO and head of engineering
 - ◊ Once famous wind turbine company had raised £1.5 million in venture funding
 - ◊ Worked on the return of the A6000 5.5 m to market
- EARLIER
- Centre for Renewable Energy at DkIT** 2009 – 2010
Research Fellow; Dundalk, Ireland
- Dublin City University** 2007 – 2009
Researcher (Aide to Theme Leaders); Dublin, Ireland
- Teradyne** 1999 – 2001
Process Engineer; Dublin, Ireland
- EVEN EARLIER
- Telstra** 1999
Melbourne, Australia
- ESB** 1997
Intern Engineer - competed position with the state electricity supply board; Dublin, Ireland.
- The Morey Organization** 1996
New Jersey, USA
- Disneyland Paris** 1995
Paris, France

EDUCATION

- PhD Computing, Dublin City University** 2002 – 2008
- ◊ Scholarship. Applied mathematics, fluid dynamics, Python
- BA BAI Mechanical Engineering, Trinity College Dublin** 1994 – 1998
- O'Connell Schools, Dublin** 1989 – 1994

MISCELLANEOUS

- ◊ Citizenship: Ireland, EU
- ◊ I'm working on machine learning systems for different applications.
- ◊ See <http://niallmcmahon.com> for more.

Niall McMahon, 2018.