

MARYANN TAN

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Stockholm, Sweden

in Maryann Tan



PROFILE & CAREER GOAL

Highly motivated self-starter with 5 years of experience in data wrangling, analysis, and statistical modelling, seeking to apply and hone these skills at a global enterprise.

EXPERIENCE

Doctoral researcher – bilingualism, speech, & adaptation Stockholms Universitet

Oct 2017 – Aug 2023

Stockholm, SE

- Conducted behavioural experiments to investigate how listeners adapt to the different ways talkers produce speech.
- Implemented statistical models that simulate cognitive mechanisms of speech perception and adaptation.
- Developed competences in web-based experiments, fitting Generalised Linear Models, and built expertise in R and general programming.
- Taught and mentored Masters students in research methods and principles of psychological experiments involving randomised control trials.
- Secured approx. 100,000SEK in funding to organise research skills workshops attended by local and international PhDs.
- Established networks with researchers from foreign universities through collaborative research in the field of speech and phonetics.

Technology Reporter & Researcher

Global Water Intelligence

Oct 2015 – Aug 2017

Oxford, UK

- Produced 2 country reports on water infrastructure demand and investments in both industrial and consumer markets for Southeast Asia.
- Researched and contributed industrial chapters in Digital Water market report.
- Secured interviews and wrote monthly features on developments in wastewater treatment technology within the industrial sector.
- Initiated contact with captains of industry for participation in annual GWI global water conference.
- Assisted event management team with developing conference topics and content.

Financial Writer

Various Publications

2000 – 2014

Kuala Lumpur, MY; London, UK

- FT Adviser, ACCA, Islamic Banking & Finance (freelance)
 - Wrote reports on personal finance services of the retail sector.
 - Wrote features on Shariah-compliant financial solutions.
- VRL KnowledgeBank (Nov 2007 – July 2008)
 - Financial writer on capital asset and motor fleet leasing market.
 - Acting editor of March 2008 issue, Leasing Life magazine.
- The Edge Business Weekly, Malaysia (2000 – 2007)
 - Wrote features on corporate finance and strategies.
 - Reported on macro-economic trends and trade policies.

EDUCATION



PhD in Bilingualism

Stockholm Univ. in collaboration with Univ. of Rochester, Brain & Cognitive Sciences 2017-2023



MA Linguistics

Bangor University 2014-2015



BSc Economics

University of London 1996-1999

TECHNICAL SKILLS



Statistics & data analysis

Data processing and visualisation; hypothesis testing, Generalised Linear Mixed Models; Bayesian modelling for categorisation; multivariate analysis



Programming

R; Python; Git; Praat; html; CLI for cluster computing



Software

G Suite; MS Office; Keynote; L^AT_EX

TRANSFERABLE SKILLS



Written and oral communication

Wrote 3 scientific articles; Wrote reports for specialised and general audience; presented seminars and conference talks on highly complex subjects to a general audience; communicate/taught complex concepts to students and lay audience.



Project & event management

Fund-raise, network, conceptualise, promote, and develop content for conferences.



Advocacy

Represented PhDs on doctoral councils and led an initiative to lobby chancellor's office for assistance and prolongation for PhDs suffering severe disruption to their work due to COVID-19 pandemic.

LANGUAGES

English
Malay/Indonesian
Swedish
Chinese

