

AMNA HYDER

PASSIONATE ABOUT PRODUCT | www.amnahyder.com
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EDUCATION

MSc in Neuroscience | 2020

University of British Columbia

- 4.0 GPA, Combined PhD, Masters program

Computational & Cognitive Neuroscience Summer School

Full Scholarship from google DeepMind | ccnss.org/ccn-2018

BSc Integrated Science | 2014

McMasterUniversity

- Concentration in Physics
- Valedictorian of graduating year, Summa cum laude

TEACHING

CIRTL Associate | UBC | 2016

Qualification in Research,

Teaching and Learning

Intro to Psychology TA | 2016

University of British Columbia

Math TA | Peel District School Board (PDSB) | 2010

Youngest TA; grade 10 math

AWARDS

Faculty of Medicine Graduate

Award (\$6,500); Cordula &

Gunter Paetzold Fellowship 2017

(\$12,000); Cordula & Gunter

Paetzold Fellowship 2018

(\$6,000); President's Award

2010 (\$2000); For more see

amnahyder.com

SKILLS

Software: 5000+ lines: Matlab •

SQL • R • LaTeX; 1000+ lines:

Python • Fortran • VBA

Product: Market research, risk management, technical writing, data analysis, digital marketing

SIDE PASSIONS

Podcasting | Tethered Minds

Social Psychology Podcast

AmNabil Photography

Wedding & Family Photographer

The Citizens Foundation

Lead fundraising campaigns

INDUSTRY WORK EXPERIENCE

Maternity break | Sept/21 - current

The Knowledge Society | Associate Director

tks.world | Boston, MA | Mar/20 - Sep/21

- Helped launch and co-direct the global virtual program which is now the biggest program and highest revenue stream for TKS
- To understand customer needs & improve session and program content the following week, had monthly check-ins with the parents, 1-1s with the kids and analyzed weekly post session feedback from over 140 kids
- Developed competitive analyses with other youth accelerators to be the best program in our space
- Helped bring in corporate partners for TKS challenges, and kept a constant stream of speakers coming in for the kids to benefit from
- In a fast paced start-up with limited resources, held weekly team meetings to prioritize what to offer and iterate on from previous weeks
- Helped develop resources on emerging technology for our online learning platform and prepared for four weekly 4 hour sessions for the Boston and Global virtual program cohorts.

BabyChild | Founder and CEO

babychild.com | San Francisco, CA | Oct 2018 - Nov 2021

- 3/4 million in revenue in the first year. Profitable within first 6 months (\$38,000 net in 6 months).
- Sourced and developed several products from ideation to shipment
- Did all digital product marketing with facebook and google ads
- Hired and trained 3 employees, but closed business after COVID

Scotiabank | Risk Modeling Analyst

Toronto, Ontario | Oct 2014 - Sept 2016

- Developed models to predict customer risk of default (SAS, SQL & VBA)

RESEARCH WORK EXPERIENCE

All research publications & conference presentations at amnahyder.com

UBC Brain Dynamics Lab | Graduate Researcher

Under the supervision of [Dr. Tipper](#) and [Dr. Galea](#) | 2019-2020

- Thesis investigates differences in the mirroring and mentalizing systems using several computational methods applied to EEG data. Thesis available on website.

UBC Action Perception Lab | Graduate Researcher

Under the supervision of Dr. Virji-Babul | 2016-2018

- Lead 6+ projects by: developing research questions, programming tasks/games, overseeing data collection, conducting analysis and interpreting results.
- Used machine learning algorithm to identify concussions using EEG
- Managed volunteers, lab website & finances during graduate studies
- Synchronized 2 EEGs & programmed a game to study brain coupling

McMaster Math Department | Researcher Assistant

Under the supervision of [Dr. Min-Oo](#) | 2012-2014

- Investigated how first few eigenfunctions of combinatorial Laplacian can be used to reduce dimensionality of higher dimensional data sets