REBECCA MINICH, PHD

DATA SCIENTIST

Address: 2212 NW 63RD ST, Seattle, WA 98107
Phone: (+1) 269 762 0386,
E-mail: minichre@gmail.com
Website: rebeccaminich.com

MY OBJECTIVES

I am a scientist by training and utilize python, pandas, machine learning and SQL to draw impactful insights from data. I'm a jack-of-all-trades interested in working with skilled teams on high impact projects.

TECH SKILLS

- Pandas
- Pyhton
- SQL
- Tableau
- SciKit Learn
- Plotly

PUBLICATIONS

Minich, R.R., Li, J., Tempel, B.L (2017) EGR1 Binds to and Activates the *alpha-Atp2b2* Promoter, the Main Transcript of the Outer Hair cells.

Watson C.J., Lies S.M., Minich, R.R., Tempel B.L (2014) Changes in cochlear PMCA2 expression correlates with maturation of auditory sensitivity

STRENGTHS

- Tenacity
- Reliability
- Rescourcefulness
- Leadership

LANGUAGE

- English
- Spanish

EXPERIENCE

Jun 2017 - Present
Data Scientist
NAVIGATING CANCER

RESPONSIBILITIES:
Worked with engineering, sales and product on over 200 data projects and investigations leading to a 20% increase in product reach. Created data tools for sales team.

Jan 2016 - Jan 2017
Postdoctoral Fellow
UW

RESPONSIBILITIES:
project management, experimental design, data capture, data analysis, grant and publication writing.

Jan 2015 - Mar 2016
Market Analyst & Coach
COULTER

RESPONSIBILITIES:
Vetted technologies and successfully coached teams through gap funding rounds.

Dec 2013 - May 2015
Technology Fellow
COMOTION

RESPONSIBILITIES:
Wrote 50+ in depth market, IP and competition summaries for a wide range of life science and IT technologies.

EDUCATION

Oct 2016 - Dec 2016
Data Science Certificate
General Assembly

SKILLS ACQUIRED:
Worked with Python, Pandas and Bash. Tuned numerous ML models. Reduced RMSE by 60% with random forest.

Sep 2010 - Dec 2015
Doctorate of Philosophy
UW

SKILLS ACQUIRED:
Authored funded grants and peer reviewed publications. Wet lab and data analysis in molecular biology and pharmacology.

Sep 2006 - May 2010
Bachelor of Science
University of Michigan

SKILLS ACQUIRED:
Biochem, Environmental Science & independent research. Alpha Phi Omega service fraternity committee chair.

CODING FUN

Modeling Maternal Mortality Rates

I used a random forest classifier to model maternal death in the US. My model improved accuracy by 40%.

Kombucha Thermostat Maker Project

I used CircuitPython to program a printed circuit board and temperature sensor to make delicious kombucha.