

# Project and Self Introduction

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# Introduction

- BSc in Petroleum Engineering ITB, Indonesia (2013-2017)
- MSc in Petroleum Engineering NTNU (2018-2020)
- PhD in RAMS (August 2020-present)
- Supervisor: Shen Yin, Jørn Vatn

## Experience:

- SUBPRO (2019-2020)
  - Summer Intern: Develop ML model for oil production forecasting
  - Master Thesis: Well control optimization in waterflooding using GA and ANN
- SINTEF Student Internship (2019)
  - Develop ML model to predict liquid holdup and pressure gradient in pipeline based on experimental data

# PhD Project

- Project title: The Digital Transformation and Data-Driven Methods in the Reliability of Safety Systems.
- Research Focus: Study various machine learning approaches for PHM (Prognostics and Health Management) and to implement those machine learning approaches for PHM in real industrial cases.