

EVE MORGAN

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PROFILE

Self starter looking for a software engineering role. Recently found my passion for coding after teaching myself Python while awaiting US work authorization. Looking to apply and grow that knowledge in a fast paced environment. Previously worked in the Actuarial Science and Chemical Engineering spaces with a proven track record of delivering results.

EXPERIENCE

Trainee Actuary

June 2016 - February 2017

Capita Life & Pensions Services

- Responsible for the planning and execution of tests for a new Protection and Savings product for Oman
- Conducted post-mortems on failed tests and tracked down the root causes of bugs / discrepancies between front-end and back-end systems
- Presented findings from testing to senior management and made recommendations of what features needed to be adjusted
- Reviewed and validated the models using SQL and Excel to ensure they met client acceptance criteria

Chemical Engineer

September 2013 - May 2014

Alkermes

- Created a thermodynamic model to analyze the effects of temperature on a solvent used in the pharmaceutical production process
- Model yielded a way to optimize the temperature during the process
- Model outputs included troubleshooting recommendations when experiencing deviations from the optimal temperature
- Extended the model to cater for solvents that were not part of the original use case
- Automated thermodynamic model monitoring tool using VBA
- Reduced time spent monitoring by 15x
- Eliminated data transcription errors related to the previous process

VOLUNTEERING

Outdoor Yoga SF

May 2020 - Present

- Led a team of volunteers that enabled the business to grow 2x year-over-year

Reading Partners

September 2019 - Present

- Taught 2 students per semester to improve their reading level from below grade-level to grade-level
- 1 student was the most improved in the program (Fall 2020)

EDUCATION

MASTER OF SCIENCE IN ACTUARIAL SCIENCE
University College, Dublin

August 2016

BACHELOR OF ENGINEERING IN CHEMICAL & BIOPROCESS ENGINEERING
University College, Dublin

May 2015

TECHNICAL SKILLS

Excel, Word, PowerPoint, Access, VBA, Python, R, SQL