

ANTON IPSEN
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EDUCATION

MIT SLOAN SCHOOL OF MANAGEMENT

Candidate for Master of Business Analytics, Operations Research Center, August 2022

Cambridge, MA
2021 - Present

- Relevant Coursework: Casual Inference, Bayesian Modelling, Machine Learning, Optimization, Advanced Analytics
- Optimization Project: Optimal Rebalancing Strategies for Bike-Sharing Companies in Julia & Python in order to increase service levels and customer satisfaction to avoid empty or full bike stations

NORTH CAROLINA STATE UNIVERSITY

Bachelor of Science, Industrial Engineering (GPA 4.0/4.0), Summa Cum Laude, Minor: Statistics

Raleigh, NC
2014 - 2019

- Relevant Coursework: Statistics and Inferences, Capital Investment Analysis, Logistics Systems, Production Planning
- Varsity Swimming: 2018 Individual NCAA Champion, 2018 Athlete of the Year, 2016 Olympian

TECHNICAL SKILLS

- Python | R/R-Shiny | Julia | PowerBI | SQL | Data Engineering | Keras | Tensorflow | Azure VMs | Data Pipelines | MySQL | PostgreSQL | NoSQL | Azure Devops | Power Apps | SAS | LaTeX

EXPERIENCE

MIT SLOAN SCHOOL OF MANAGEMENT | BRIGHAM AND WOMENS

Data Scientist Intern / Capstone Project Goal:

Cambridge MA
Feb 2022- Sep 2022

- Design and deploy a model that increases operational throughput in surgical rooms by optimizing room scheduling to decrease delays and disruptions to existing schedules for the benefit of both hospital and patients

MIT SLOAN SCHOOL OF MANAGEMENT | AB INBEV

Analytics Lab Team Member

Cambridge, MA
Sep 2021 – Dec 2021

- Analyzed 2 million shipping delays in ABI's supply chain in South America by leveraging machine learning to predict severity of delays leading to actionable insights saving \$1M yearly using Python and neural networks
- Created a Tableau dashboard to allow product owners to trend on anomalies leading to earlier interventions and prevent future shipping delays increasing value-added time for analysts and reducing delay costs and severity

PROFESSIONAL OLYMPIC SWIMMER

Self-Employed

Various Locations
2015 – Dec 2021

- Represented Denmark at the 2016 & 2021 Olympics and raced a World Championship final as an individual athlete while training over 30 hours/week and balancing either work or school simultaneously
- Managed professional relationships across multiple stakeholders from national governing bodies to personal sponsorships; funded 100 % of training, living expenses and savings

NOVO NORDISK PHARMACEUTICALS

Data Scientist/Business Application Developer

Copenhagen, Denmark
Sep 2019 – May 2021

- Developed two Covid-19 applications (~ 1200 internal users) related to managing and planning clinical trials during a pandemic; developed and presented weekly reports to the Corona Taskforce using PowerBI and Python
- Implemented and designed an internal & external facing web application handling external consulting hiring (+\$M10 annually) and associated management reporting by leveraging Power Apps, PowerBI and R-Shiny
- Featured on Microsoft Ignite as a professional developer utilizing Power Apps; met quarterly with executive management from Microsoft to give personal product feedback

ADDITIONAL INFORMATION

- Languages: Danish (Native), Norwegian (Fluent), German (Conversational)
- Personal Project: Production ready front end for non-technical news publishers with UI/UX centered design to predict Facebook engagement for posts utilizing natural language processing, Javascript, HTML & Azure VM's
- Certifications: Six Sigma Yellow Belt, Azure Fundamentals, Power BI, SAS Base, Adv. Business Analytics (Graduate Course) at the Technical University of Denmark
- Interests: Avid runner, bread baking, disc golf, sports enthusiast, e-sports (Dota), manga and manhwa reader