Jonas Bjerg

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EXPERIENCE

Bain & Company Inc (formerly QVARTZ) **Copenhagen, Denmark & Dubai, UAE**

Expert Manager - Machine Learning & Data Science (Advanced Analytics & AI Department) *Aug 2019 - Now*

- Worked on 50+ cases across major industries: M&A's, Private Equity, Financial Due Diligence, Insurance, Commercial and AI
- Invented new pattern analysis capable of identifying untapped potential at a customer-product-level only using a sales cube
- Built 25+ transformer models and advanced predictive algorithms for clients across all sectors, but especially retail and finance

Google Inc (Contracted by Vaco LLC) **Sunnyvale, CA USA**

Data Analyst (Managed Danish department of 6 | Hiring for the Scandinavian and Dutch departments) *May 2018 - Oct 2018*

- Analyzed Resource Performance Data (Google Cloud Platform, Python & Natural Language Processing)
- Collaborated in teams conducting data analysis to scope policy issues and quantify their impact on client engagement and revenue
- Conducted complex queries and analyses, built statistical models on trends to improve fraud and abuse detection and prevention
- Collaborated with cross-functional teams from Engineering, Sales and Legal on implementing machine-learning initiatives

NNE A/S and **Borbaki ApS** **Copenhagen, Denmark**

Startup founder & Chief Executive Officer (Managed Teams of up to 5 people) *Nov 2012 - Now*

- Got funded 1M DKK from the Danish Government to develop a Transformer Model that Automatically Could Edit Video *Jan 2022*
- Built an AI-powered stylist and content recommendation engine for CAPSULE ApS, modeled on TikTok's "For You" system *Oct 2021*
- Coordinated Installation of HVDC interconnector Cable Between Denmark and the Netherlands for Scanenergi A/S *Jun 2017*
- Identified ERP Market Opportunity Leading to Companywide Strategy Shift (Kafka, Hadoop, Spark & Tableau) *Dec 2016*
- Designed and Setup Centralized Data Structure in Accordance with Strict Government Regulation (PHP & SQL) *Jul 2016*
- Developed Website with Fully Autonomous Talking Giraffe Teaching the Children About Their Condition and Treatment *May 2016*
- Negotiated deal with Scandinavia's Largest Tie Distributor Connexion Tie for Products Distributed Nationwide *Sep 2015*
- Optimized and Automated Workflow to the Extend that the Entire Department was Laid Off in March (Python) *Mar 2015*
- Developed Educational Aid Software (Swift, AWS, Firebase, Python, C#, PHP, MySQL & Adobe Suite) *Jun 2014*
- Created Augmentative Alternative Communication Device Speaking 52 Languages (Swift, Python & Adobe Suite) *Jan 2014*
- Programmed Calendar for Children with Autism and Attention-Deficit Disorders (Swift, AWS, Python & C#) *Oct 2013*
- Designed Dyslexic reading assistant teaching Danish sounds and pronunciations (Swift, Python, Java & C#) *Feb 2013*
- Build and published the #1 legal app on the Danish AppStore named "Kend Din Grundlov" (know your common law) *Nov 2012*

EDUCATION

Stanford University **Stanford, CA USA**

Artificial Intelligence Continuing Studies *Nov 2017 - Apr 2018*

- Built Capsule Neural Network to Outperform Traditional Convolutional Neural Networks Alpha Keying Capabilities **GPA 4.0 / 4**

Hult International Business School **San Francisco, CA USA**

Master of Science in Business Analytics (Dean's list | Distinction | Global University Ambassador) *May 2018 - Mar 2019*

- Experience in Python, R, SQL, Tableau, Machine Learning, Natural Language Processing and Data Strategy **GPA 3.7 / 4**

Hult International Business School **San Francisco, CA USA**

Master of Science in International Business (Dean's list | Distinction | Hult Entrepreneurship Winner) *Aug 2017 - Sep 2018*

- Leadership, Accounting, Financial Management, Global Economics, International Marketing, Operations Management, Global Strategy, Marketing Analytics, Data Visualization, Big Data Analytics, Statistics **GPA 3.7 / 4**

Aarhus University **Herning, Denmark**

Business Development Engineer (Student Association Treasurer | Objective Programming Teaching Assistant) *Jul 2015 - Aug 2017*

- Financial Management, Project Management, Personal & Social Competence, HR Management, Concept Development, Physics, Applied Mathematics, Marketing Management, Managerial Economics, Negotiation **GPA 3.6 / 4**

Aarhus University **Aarhus, Denmark**

Bachelor of Science in Law (Legal Literary Teaching Assistant | Developed Common Law App with 5000+ Users) *Aug 2012 - Jun 2015*

- Constitutional Law, Family & Inheritance Law, Private Law, Social & Legal History, Administrative Law, Jurisprudence, Criminal Law, International & EU Law, Law of Obligations, Sociology of Law **GPA 3.1 / 4**

Awards: Hult Entrepreneurship Winner and Global University Ambassador for Hult International Business School
Distinction: Graduated Summa Cum Laude on the Dean's list and with distinction (15 selected from top 5% of class of 2018 & 2019)

PUBLICATIONS

Published by Apress Springer Books **New York, NY USA**

- Author of the academic university book *"The Early Career Professional's Guide To Generative AI"* *Sep 2024*
- Author of the Stanford SCI AI paper: *"Neural Networks Potential Impact on the Film Industry"* *Mar 2018*

SKILLS & INTERESTS

Linguistics: English fluent | Danish native | Japanese proficient | Norwegian proficient | Swedish proficient | German Beginner
Programming: Python | R | JavaScript | Julia | SQL | Keras | PyTorch | TensorFlow | Docker | Kubernetes | Power BI | AWS| Swift

- **Public speaker** at IMPULS 2023 and public persona teaching Data Science to 17K+ viewers across YouTube and TikTok *Sep 2023*
- **Exchange Student** to Osaka, Japan 清教学園 (Seikyo High School). Volunteer to help assess new students for YFU Japan *Mar 2010*