Justine Hendrickson
Senior Computer Vision Scientist

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- *Senior Computer Vision Scientist with 10+ years of experience working with data and data sets of varying size and complexity. As a seasoned Computer Scientist, I am looking to continue my career in a senior or director-level position with AbCellera.*

WORK EXPERIENCE

AbCellera
Computer Vision Scientist
Remote | July 2014 - current

- Developed 13+ monitoring features using computer vision and a variety of other machine learning methods
- Designed data collection protocols and annotation guidelines in collaboration with 3 data teams
- Investigated tradeoffs between accuracy and computational efficiency for edge/embedded environments
- Developed and maintained KPI reports for 6 teams to measure and analyze model performance
- Contributed to Smart Eye's shared machine learning infrastructure, including data preparation, and model training

Microsoft
IT Data Scientist
Vancouver, BC | January 2012 - June 2014

- Designed 6 predictive modeling projects to address specific business problems determined by consultation with business partners
- Worked with 1,100+ data sets of varying degrees of size and complexity, including both structured and unstructured data
- Developed 36+ proprietary algorithms to build customized solutions that led to innovative solutions
- Developed 70+ sophisticated visualizations of analysis outputs for key business users and stakeholders

Swiss Re
Associate Data Scientist
Toronto, Canada | May 2012 - May 2014

- Developed skills that leveraged data science methodologies to solve 6 business problems and provide strategic insights
- Designed and developed 34+ algorithms and models to use against large datasets to create business insights
- Supported 17+ data science projects by conducting effective analyses to solve business problems
- Communicated insights and recommendations to both technical and non-technical audiences

SKILLS

- Snowflake
- Python
- C++
- R
- SQL
- Tableau
- PyTorch

EDUCATION

B.S.
Engineering
University of British Columbia
September 2009 - May 2013
Vancouver, BC

CERTIFICATIONS

- Master Deep Learning CNN, SSD, YOLO, GANS
- Computer Vision A-Z