JONATHAN BIEMOND

Neuchâtel, Switzerland | Available Globally
linkedin.com/in/jonathan-biemond⌁ | github.com/jonbiemond⌁

EMPLOYMENT

Software Developer
Quantum Engineering

Mar. 2024 – Present
Chilliwack, BC, Canada

- Engineered a full-stack Django application featuring engineering tools, reducing client project turnaround time.
- Optimized front-end performance using HTMX, achieving a 20x reduction in initial page load time through dynamically retrieving elements.
- Improved user interaction responsiveness, reducing response time by 95%, through leveraging Alpine.js for client-side DOM manipulation.
- Refactored a complex multimodel hierarchical relationship into easy-to-use methods and migrating recursive logic into optimized SQL queries.
- Ensured consistency and accuracy of critical functions, through implementing comprehensive unit and regression tests, integrated into a CI pipeline using GitHub Actions.
- Collaborated with products owners and stakeholders to codify design requirements to ensure impact and efficient project delivery.
- Created extensive documentation empowering contributions from developers and non-technical stakeholders.

Data Engineering Consultant
DeVry Greenhouses Ltd.

Sep. 2024 – Present
Chilliwack, BC, Canada

- Designed and implemented an on premises Data Warehouse in PostgreSQL, that removed duplicate work and raised the standard for data quality.
- Developed an ETL pipeline using dbt, orchestrated by Airflow, that significantly improved dashboard refresh times and importantly lowered the knowledge barrier for new analysts.
- Created a Customer Order Generation tool in Python and SQL, to modernize the Nursery Department to the rest of the business, eliminating time intensive manual order creation.

Lead Data Analyst
DeVry Greenhouses Ltd.

Oct. 2022 – Aug. 2024
Chilliwack, BC, Canada

- Expanded the impact of the Data Department from two to five departments, by scaling processes.
- Lead the team responsible for delivering data insights throughout the company by prioritizing the work environment and team culture.
- Guided the company towards data maturity through the systems development and data quality improvement.
- Achieved a reduction of 25% in time spent managing orders as part of an Order Management System project by placing an emphasis on understanding user requirements and removing roadblocks for the development team.
- Innovated in customer service with data driven replenishment defining the industry as recognised by Fortune 300 and Fortune 20 companies.

Data Analyst
DeVry Greenhouses Ltd.

Nov. 2017 – Sep. 2022
Chilliwack, BC, Canada

- Shortened time to data access saving 5 hours a week, by developing an ETL pipeline using SQL and Python.
- Increased report reliability and consumer trust by systematizing data quality checks using SQL and Python.
- Generated and maintained reports consistently for account managers and customers using Excel and Power BI.
- Facilitated daily order quantity recommendations reducing our customers inventory shrink, by developing models and tools to forecast sales using Python and libraries such as pandas, NumPy and SQLALchemy.
- Regularly expanded my responsibilities to free up my manager entirely to take on a new role within 3 years of starting, by continuously improving the processes within my role and increasing my efficiency.

EDUCATION

British Columbia Institute of Technology
Applied Data Analytics Certificate | GPA: 95/100

Apr. 2022 – Dec. 2024
Burnaby, BC, Canada

- Courses include Statistics, Machine Learning, AWS Data Engineering and Data Quality Improvement.

TECHNICAL PROJECTS

BCITFlex.tech⧉ | *Python, SQL, HTML, CSS, Flask, SQLAlchemy, PostgreSQL*   Apr. 2023 – Oct. 2023
- Wrote an ETL pipeline in Python to regularly gather up-to-date course data and load it into a database.
- Modeled tables to effectively serve information, leveraging PostgreSQL features via SQLAlchemy.
- Developed, hosted and published a web interface powered by Flask with a frontend in HTML and CSS.

PandasAI⧉ | *Python, LLMs*   May 2023 – Jun. 2023
- Enable users to save charts by programmatically altering AI generated code.
- Project raised $1.1 million in pre-seed funding.

SKILLS

Languages: Python, SQL, R, DAX, M, VBA, JavaScript, HTML, CSS
Tools: dbt, Airflow, dlt, Microsoft Excel, Microsoft Power BI, Tableau, Metabase
Tech: PostgreSQL, Jupyter Notebooks, Git, CI/CD, AWS, HTMX, Docker
Frameworks: Django, Flask
Work Authorization: EU and Canada, Dual Citizen of Canada and the Netherlands

EXTRACURRICULAR & LEADERSHIP EXPERIENCE

Django Software Foundation Member | *Django Web Framework*   Dec. 2025
- Recognised for contributions to the Django community. For example, helping new users learn the framework.

Peer Lead | *BCIT Dev Hub (official club)*   Jul. 2023 – Dec. 2024
Competitor | *Vancouver ML Hackathon*   Sep. 2023
- Won competition by collaboratively uncovering and presenting novel insights in Social Determinants of Health.