

# VAUGHN POULO

SOFTWARE ENGINEER

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## EDUCATION

### **Portland State University**

April 2021 – June 2024

Master of Science | Computer Science

GPA: 3.97

### **Notable Courses:**

Advanced Algorithm Design & Analysis

Data Engineering

Artificial Intelligence

### **Berlin School of Economics + Law**

September 2015 – March 2017

Master of Science | Business Intelligence + Process Management

GPA: 3.7

### **Notable Courses:**

Enterprise Architecture for Big Data

Data Warehousing

Data Science

### **Portland State University**

January 2010 – August 2013

Bachelor of Arts | Business Marketing

GPA: 3.5

## EXPERIENCE

### **September 2023 – December 2023**

#### **& April 2024 – June 2024**

*Graduate Teaching Assistant (Computer Science Dept.) | Portland State University | Portland, Oregon*

- Facilitated student learning through one-on-one instruction, evaluating assignments, and offering detailed feedback.
- Held dedicated office hours to provide tailored assistance, ensuring students grasped key concepts.
- Topics covered: development environments, code formatting and linters, source control, collaborative workflows, functional abstraction, documentation.

### **March 2023 – December 2023**

*Computer Science Tutor | Portland State University | Portland, Oregon*

- Assist professor with instructional responsibilities for undergraduate CS courses: Intro to Computer Science and Data Structures.
- Topics covered: data types, variables, conditions, loops, functions, arrays, data abstraction, static vs dynamic, and pointers using linear linked list and tree structures.

### **August 2020 – June 2023**

- *Freelance Consultant | Dornier Group | Germany (HQ)* Deliver people focused consultative services impacting each firm within the Dornier Group inclusive of water, electricity, construction, nuclear power, aviation, renewable energy, real estate, and mobility services.
- Developed digital solution for employee contract tracking resulting in increased accuracy, efficient identification of contract statuses and implementation of an HR planning system.
- Foster transparency in performance management and annual salary reviews applying unique business line rules and informing budgetary impact through a comprehensive dashboard for decision makers.

## EXPERIENCE CONT.

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### **August 2019 – September 2020**

*Delivery Hero | Business Intelligence Analyst | Berlin, Germany*

- Developed accessible and engaging data visualizations and reports utilizing Tableau to facilitate access to insights.
- Created recurring reports to optimize logistics planning and streamlined operations resulting in increased transparency.
- Introduced SCRUM to decision makers resulting in implementation and adoption by two additional teams. Defined workflows and prioritization.
- Created and led SQL (Exasol & Google BigQuery) training for business users and junior analysts.

### **February 2019 – August 2019**

*Foodspring | Business Intelligence Analyst | Berlin, Germany*

- Created and maintained business-critical financial reporting providing key insights resulting in a successful acquisition by Mars Inc. Reporting inclusive of ROI and cohort analysis.
- Developed and maintained data warehouse logic for marketing from elementary stage requiring conversion of raw data to reporting layer by leveraging SQL (Snowflake).
- Collaborated with marketing to create data insights through Tableau dashboard, combining back-end shop data and GA data.

### **June 2017 – January 2019**

*Zalando SE | Business Intelligence Analyst | Berlin, Germany*

- Supported business stakeholders in a fast-paced, ambiguous environment by providing accurate and insightful deep dives utilizing SQL (Oracle & Exasol).
- Contributed to the adoption of the new IT infrastructure resulting in reduction of engineering team's maintenance hours by completing data checks, applying logic, and ensuring documentation.
- Provided support to wholesale planning teams by adapting specialized ETL flow built custom for Whole Planning tools and standardized KPIs across relevant platforms.
- Delivered consistent data, improved transparency, and strengthened trust between BI and Planning teams.

## TECHNICAL SKILLS

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**PROGRAMMING LANGUAGES:** C++, Python, Rust, JavaScript, SQL

**DATA:** Databases, Data Warehouses, ETL, Tableau, MicroStrategy

**ADDITIONAL:** Jira, GitHub, GitLab, Scrum, Agile

## LANGUAGES

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English – Native

German – Good (Communicative)