

David Hall

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Work Experience

Cloud Software Group

Gothenburg, Sweden

Spotfire

● Senior Software Engineer

September 1, 2025 – Present

○ Software Engineer

July 11, 2022 – August 31, 2025

- ▶ Full stack development using technologies such as:
 - › .NET, TypeScript, JavaScript, React, Preact, SQL, Python, REST APIs, and Docker.
- ▶ Experience with many types of databases and data warehouses, such as:
 - › Databricks, Snowflake, PostgreSQL, Amazon Redshift, Dremio, etc.
- ▶ Research, architecture design, and development.
- ▶ Led an international developer team.
- ▶ Mentored new employees.
- ▶ Involved in hiring new employees.
- ▶ Held company-wide presentations.
- ▶ Engaged in partner meetings.

Syntronic

Gothenburg, Sweden

Collaboration with MedTech West and Sahlgrenska Academy

○ M.Sc. Thesis Intern

January 25 – June 11, 2022

- ▶ Gained scientific research experience in data science and AI.
- ▶ Developed deep learning models for medical classification.
- ▶ Worked in Python with libraries such as PyTorch, NumPy, and Pandas.
- ▶ Used Weights & Biases for experiment tracking and hyperparameter tuning.

TIBCO

Gothenburg, Sweden

Spotfire

○ Junior Developer

June 14 – August 20, 2021

- ▶ Full stack development using technologies such as .NET and SQL.
- ▶ Played a key role in further improving the Amazon Redshift connector in Spotfire.

TIBCO

Gothenburg, Sweden

Spotfire

○ Associate Engineer

June 8 – August 21, 2020

- ▶ Full stack development using technologies such as .NET and SQL.
- ▶ Drove the "[Amazon Redshift Ready](#)" initiative together with another intern. This included support for Redshift's Spectrum feature and connector improvements in Spotfire.

Education

Civilingenjör, Software Engineering

Chalmers University of Technology (Informationsteknik)

2017 – 2022

Gothenburg, Sweden

- ▶ 300 credits

M.Sc. Data Science and AI

Chalmers University of Technology

2020 – 2022

Gothenburg, Sweden

- ▶ 120 credits
- ▶ Master's thesis at Syntronic
 - > [Machine learning for brain activity analysis](#)

B.Sc. Software Engineering

Chalmers University of Technology (Informationsteknik)

2017 – 2020

Gothenburg, Sweden

- ▶ 180 credits
- ▶ Bachelor's thesis
 - > [A Unity Asset for Procedurally Generating Cities](#)

Skills

Professionally Used Languages and Frameworks

- | | |
|--------------|----------|
| ▶ C#, .NET | ▶ Preact |
| ▶ SQL | ▶ Python |
| ▶ TypeScript | ▶ HTML |
| ▶ JavaScript | ▶ CSS |
| ▶ React | ▶ Java |

Software Development

- | | |
|-------------------------------------|---------------------------|
| ▶ Full stack development | ▶ Agile development |
| ▶ Object-oriented design patterns | ▶ Test-driven development |
| ▶ Object-oriented design principles | ▶ Version control (Git) |

Hobby Projects

Open Source

- ▶ [tmdb-js](#) – A JavaScript wrapper for the TMDb (The Movie Database) API.