

David Hall

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Work Experience

Cloud Software Group

Full Stack Software Engineer, Spotfire

October 1, 2022 – Present
Gothenburg, Sweden

- › Gained experience in web development, .NET, and databases.
- › Led an international developer team.
- › Mentored a new employee.

TIBCO

Full Stack Software Engineer, TIBCO Spotfire

July 11 – September 30, 2022
Gothenburg, Sweden

- › Gained experience in web development, .NET, and databases.

Syntronic

M.Sc. Thesis Intern, Chalmers University of Technology

January 25 – June 11, 2022
Gothenburg, Sweden

- › Collaborated with MedTech West and Sahlgrenska Academy
- › Gained scientific research experience in data science and AI.

TIBCO

Full Stack Junior Developer, TIBCO Spotfire

June 14 – August 20, 2021
Gothenburg, Sweden

- › Gained experience with Amazon Redshift and .NET.

TIBCO

Full Stack Associate Engineer, TIBCO Spotfire

June 8 – August 21, 2020
Gothenburg, Sweden

- › Gained experience with Amazon Redshift and .NET.

Education

Chalmers University of Technology

Civilingenjör i Software Engineering (Informationsteknik)

2017 – 2022
Gothenburg, Sweden

- › 300 credits

Chalmers University of Technology

M.Sc. Data Science and AI

2020 – 2022
Gothenburg, Sweden

- › 120 credits
- › Master's thesis at Syntronic: *Machine learning for brain activity analysis*

Chalmers University of Technology

B.Sc. Software Engineering (Informationsteknik)

2017 – 2020
Gothenburg, Sweden

- › 180 credits
- › Bachelor's thesis: *A Unity Asset for Procedurally Generating Cities*

Rosendalsgymnasiet

Natural Sciences Program (High School)

2014 – 2017
Uppsala, Sweden

- › Graduation thesis: *Fractals and Their Hidden Dimension*

Hobby Projects

Android Apps

- › "Bomb Clearer" – A material design minesweeper game.
- › "Seniorradio" – Swedish radio app for the elderly.
- › "Walkabout" – An app for randomizing walks.
- › "GRID" – A puzzle game where you need to remember patterns.

iOS Apps

- › App to be announced – Currently under development (2024-02-11)

Open Source

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

Skills

Professionally Used Languages

- | | |
|--------------|-----------------|
| › C# | › React, Preact |
| › Java | › JavaScript |
| › Python | › HTML |
| › SQL | › CSS |
| › TypeScript | › Swift |

Software Development

- | | |
|---------------------------------------|---------------------------------|
| › Full Stack – Back End and Front End | › Agile Development and Scrum |
| › Object-Oriented Design Patterns | › Testing |
| › Object-Oriented Design Principles | › Version Control (Git) |
| › Concurrent/Parallel Programming | › Databases and Data Warehouses |

Languages

- Swedish (native)
- English (fluent)
- Spanish (beginner)