

David Hall

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Work Experience

Cloud Software Group

Full Stack Software Engineer, Spotfire

July 11, 2022 – Present
Gothenburg, Sweden

- › Gained experience in web development, .NET, and databases.
- › Everything from research to architecture design and development.
- › Led an international developer team.
- › Mentored a new employee.

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 .NET and Amazon Redshift.

TIBCO

Full Stack Associate Engineer, TIBCO Spotfire

June 8 – August 21, 2020
Gothenburg, Sweden

- › Gained experience with .NET and Amazon Redshift.

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](#)

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.

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 | |

Software Development

- | | |
|-------------------------------------|---------------------------------|
| › Full Stack | › Agile Development |
| › Object-Oriented Design Patterns | › Test-driven development |
| › Object-Oriented Design Principles | › Version Control (Git) |
| › Concurrent/Parallel Programming | › Databases and Data Warehouses |

Languages

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