

# David Hall

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## Work Experience

### Cloud Software Group

*Spotfire*

*Gothenburg, Sweden*

● Senior Software Engineer

September 1, 2025 – Present

● Software Engineer

July 11, 2022 – August 31, 2025

- › Full Stack: Web development, .NET, and data access.
- › Research, architecture design, and development.
- › Led an international developer team.
- › Held company-wide presentations.
- › Involved in hiring new employees.
- › Engaged in customer meetings.
- › Mentored new employees.

### 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.
- › Developed deep learning models for medical classification.

### TIBCO

*TIBCO Spotfire – Full Stack Junior Developer*

June 14 – August 20, 2021

*Gothenburg, Sweden*

- › Gained experience with .NET and data access.

### TIBCO

*TIBCO Spotfire – Full Stack Associate Engineer*

June 8 – August 21, 2020

*Gothenburg, Sweden*

- › Gained experience with .NET and data access.

## Education

### Chalmers University of Technology

*Civilingenjör i Informationsteknik (Software Engineering)*

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](#)

## Skills

### Professionally Used Languages and Frameworks

- |              |          |
|--------------|----------|
| > C#         | > React  |
| > Java       | > Preact |
| > SQL        | > Python |
| > TypeScript | > HTML   |
| > JavaScript | > CSS    |

### 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.

### Android Apps (Not in Store Anymore)

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