

# David Hall

☎ +46-(0)73-064-95-45

✉ [david.emanuel.hall@gmail.com](mailto:david.emanuel.hall@gmail.com)

in [/david98hall](#)

🌐 [/david98hall](#)



## 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 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.

### 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

- › [tmdbs-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)