David Hall

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💼 Work Experience

Cloud Software Group — July 11, 2022 – Present
Full Stack Software Engineer, Spotfire — *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 — January 25 – June 11, 2022
M.Sc. Thesis Intern, Chalmers University of Technology — *Gothenburg, Sweden*

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

TIBCO — June 14 – August 20, 2021
Full Stack Junior Developer, TIBCO Spotfire — *Gothenburg, Sweden*

> Gained experience with .NET and Amazon Redshift.

TIBCO — June 8 – August 21, 2020
Full Stack Associate Engineer, TIBCO Spotfire — *Gothenburg, Sweden*

> Gained experience with .NET and Amazon Redshift.

🎓 Education

Chalmers University of Technology — 2017 – 2022
Civilingenjör i Software Engineering (Informationsteknik) — *Gothenburg, Sweden*

> 300 credits

Chalmers University of Technology — 2020 – 2022
M.Sc. Data Science and AI — *Gothenburg, Sweden*

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

Chalmers University of Technology — 2017 – 2020
B.Sc. Software Engineering (Informationsteknik) — *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#

> Java

> Python

> SQL

> TypeScript

> React, Preact

> JavaScript

> HTML

> CSS

Software Development

> Full Stack

> Object-Oriented Design Patterns

> Object-Oriented Design Principles

> Concurrent/Parallel Programming

> Agile Development

> Test-driven development

> Version Control (Git)

> Databases and Data Warehouses

🌐 Languages

• Swedish (native)

• English (fluent)

• Spanish (beginner)