



# Emil Højgaard Nielsen

## Cand.it in Software Design

### CONTACT

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### SKILLS:

- RAG-based chatbots
- React
- JavaScript
- CSS
- HTML

### LANGUAGES:

- Danish: Native
- English: Fluent
- French: B1

### PROFIL:

Recent graduate with an MSc in Software Design, experienced in developing web applications and modern software solutions. Among other projects, I have developed a RAG-based chatbot utilizing semantic search and generative AI.

### EDUCATION:

#### Master's in Software Design

**IT University of Copenhagen | 2026**

#### Bachelor's in Philosophy

**University of Copenhagen | 2020**

Exchange

- Sorbonne University, Paris (2017–2018)

### EXPERIENCE:

- 2023/26 Cand.it i Software Design, IT University of Copenhagen
- 2023 Personal Care Assistant, Gladsaxe Municipality
- 2021/23 Coordinator, GoTutor (Egmont)
- 2020/21 Svendborg International Maritime Academy (SIMAC) and a six-month contract with Maersk aboard a container vessel, sailing routes in South America and Africa
- 2020 BA in Philosophy, University of Copenhagen
- 2019 Six-month journey across Asia, including China, Vietnam and Taiwan.
- 2019 Demolition Worker, Søndergaard A/S
- 2017/18 Philosophy, Sorbonne University Paris
- 2015 Philosophy, Københavns Universitet
- 2014/15 Language school and work at a cafe in Paris
- 2014 High School Diploma (math/sci) Aurehøj Gymnasium

# PORTFOLIO

## Haccman (Master's Thesis)

Jailbreaking game featuring a RAG-based chatbot designed as a hospital assistant

- Frontend: React/JavaScript, CSS, HTML
- Backend: Supabase (PostgreSQL), Edge Functions(JavaScript)
- GitHub:  
[github.com/emilHojgaard/Haccman-EA](https://github.com/emilHojgaard/Haccman-EA)
- Website: [hacc-man.com](https://hacc-man.com)

## Portfolio Website (Own Project)

Portfolio website for artist Escarleth Romo Pozo

- GitHub: [github.com/emilHojgaard/pozo-productions](https://github.com/emilHojgaard/pozo-productions)
- Site: [escarlethromopozo.com/](https://escarlethromopozo.com/)

## Safe Space (Course Project)

Platform with moderated chat forums for students facing mental health challenges

- Frontend: React/JavaScript, CSS, HTML
- Backend: Back4App platform
- GitHub: [github.com/emilHojgaard/safe-space-react-2024](https://github.com/emilHojgaard/safe-space-react-2024)

## Hat Webshop (Course Project)

- Frontend: React/JavaScript (evolved to TypeScript), CSS (Tailwind), HTML
- Backend: RESTful API in JavaScript
- GitHub: [github.com/antonskoumoller/hat-project-2](https://github.com/antonskoumoller/hat-project-2)