Nicholas Hansen

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Professional Summary

Aspiring full-stack software developer with a solid educational background and hands-on project experience. Currently pursuing a MSc in Game Technology, with a strong foundation in agile methodologies, software development, and web development. Passionate about creating efficient, user-friendly applications and committed to continuous learning and professional development.

Education

IT University of Copenhagen, Denmark
BSc in Software Development
September 2021 - June 2024

IT University of Copenhagen, Denmark
MSc in Games Technology
September 2024 - June 2026

Technical Skills

- **Programming Languages:** C, C#, C++, Assembly, Java, SQL (Postgres), GoLang, F#
- **Web Development:** HTML, CSS, JavaScript, TypeScript, Node.js, React, Next.js, JQuery, Express.js, Tailwind CSS, REST APIs
- **Tools & Technologies:** Git, GitHub, .NET Framework, Docker, NuGet, Postman

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Professional Experience

Software Developer Intern *DHI, Hørsholm*
June 2023

- Worked on the "Green-Up" project, an urban cooling tool to simulate city temperatures based on various elements.
- Utilized Scrum and agile methodologies to develop a prototype product, enhancing teamwork and communication skills.

- Collaborated closely with developers, scrum masters, and product owners to deliver value to the business.

Software Developer Project *IT University of Copenhagen, Copenhagen*
July 2022

- Contributed to a team project developing a software application to run a map of Denmark.
- Focused on code documentation, agile teamwork, and software development practices.

Projects

React | Green-Up
Urban cooling simulation tool

- Developed for urban planners to simulate temperatures in cities.
- Implemented using Scrum, fostering an understanding of agile project management and product delivery.

Java | Google maps-like desktop application
Course project

- Part of a team developing a mapping software for Denmark.
- Enhanced skills in team collaboration, software documentation, and agile methods.

C++ | Computational Storage
Bachelor Project

- Low-level programming while creating kernels for doing data operations directly on storage.
- Collaborated with senior developers on creating an integration between hardware and software.

Volunteer Experience

Café Analog
Student-driven Café

- Served as a board member, providing strategic guidance and oversight to support organizational growth and development.
- Worked as a barista, delivering high-quality customer service and expertly crafting a variety of coffee beverages.

Connect
Board Game Club

- Actively participated as a member of a board game club, fostering teamwork and strategic thinking through regular game sessions and events.

ITULAN
LAN Party Committee

- Engaged as a dedicated member of a LAN party student organization, organizing events and enhancing the social gaming experience for participants.
- Served as treasurer managing financial records, budgeting, and ensuring the transparent allocation of funds.

Languages

- **Danish:** Native
- **English:** Highly proficient

Certifications

- **The Complete 2024 Web Development Bootcamp (Udemy)**