Mathias Skogen-Karstensen

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in Mathias Skogen-Karstensen | ⌗ mathiajs

Trondheim, Norway

OBJECTIVE

As a fourth-year student pursuing a degree in Computer science at NTNU, I am deeply passionate about programming and technology. Currently, I serve as a Research Assistant, where i contribute to the day-to-day managent of a big introduction course at NTNU. This position allows me to combine technical experience together with team management and public speaking.

I am a driven person that always want to learn and get new skills. I am particularly interested in exploring areas such as machine learning and fullstack development.

EXPERIENCE

• **Genus [⊕]**   *June 2025 – August 2025*
Software Developer Intern   Lysaker, Norway
  ◦ Genus is the leading no-code software development company in the Nordics.
  ◦ As a summer intern, I developed a support system for handling secrets, which gave me valuable experience with React, TypeScript, .NET, Kubernetes, and Azure.

• **NTNUI Sprint [⊕]**   *September 2025 – Present*
Software Developer   Trondheim, Norway
  ◦ NTNUI Sprint is the IT department of NTNUI — Norway's largest sports club.
  ◦ I'm working as a volunteer ensuring that all IT solutions of the organization are up to date, while also developing new features requested by the club.

• **NTNU [⊕]**   *January 2025 - Present*
Research Assistant   Trondheim, Norway
  ◦ Research Assistant in TDT4100 - Object Oriented Programming.
  ◦ Research Assistant in TDT4109 - Introduction to IT.
  ◦ Delivering lectures and actively contributing to the day-to-day management of the course.

• **NTNU [⊕]**   *August 2024 - December 2025*
Teaching Assistant   Trondheim, Norway
  ◦ Teaching assistant in TDT4109 - Introduction to IT.
  ◦ Designing and overseeing realistic mock exams for one of Norway's largest courses, ensuring assessment accuracy and relevance.

• **NTNU [⊕]**   *August 2023 - June 2024*
Learning Assistant   Trondheim, Norway
  ◦ Assisted in Two Courses: Supported and mentored students in TDT4109 - Introduction to IT and TDT4100 - Object Oriented Programming.
  ◦ Provided Academic Support: Reviewed and graded weekly assignments, conducted group exercise sessions, responded to inquiries about course material and underlying theory, and assisted students with fundamental Computer Science skills including Git, GitLab, and VSCode.
  ◦ Earned Certification: Achieved the LAOS certificate, NTNU's credential for teaching assistance proficiency.

• **Rema 1000**   *July 2018 - Present*
Store Assistant   Sarpsborg, Norway
  ◦ A grocery store in Sarpsborg. Worked there alongside middle school and high school. Started as a stock boy and worked my way up to being responsible for the store in the evenings. Through being responsible for the store, I gained experience in leadership and customer service.

EDUCATION

• **NTNU**   *August 2022 - June 2027*
Masters in Civil Engineering, Computer Science   Trondheim, Norway
  ◦ Specalication: Artificial Intelligence

• **Greåker VGS**   *June 2022*
Secondary Education   Sarpsborg, Norway
  ◦ Average grade: 6,3

PROJECTS

• **Personal Website**   *June 2024 - August 2024*
Tools: [Git, Node, React, TailWind, TypeScript]   [Personal Website⭘](#)

  ◦ Developed a personal website for training purposes, focusing on modern web development techniques.

  ◦ Created an advanced frontend with React and TailWind for a responsive and user-friendly interface.

  ◦ Implemented interactive features using TypeScript and React, improving user engagement and site functionality.

  ◦ Soon to be launched at ...

• **Icebreakers**   *January 2024 - May 2024*
Tools: [FireBase, Git, JavaScript, React]   [Icebreakers⭘](#)

  ◦ Developed in a course at NTNU

  ◦ Client-driven project

  ◦ Created simple frontend for user registration and interaction

  ◦ Developed robust backend for managing user data and authentication

SKILLS

• **Programming Languages:** Assembly (x86), C, C#, Java, JavaScript, Python, TypeScript

• **Frameworks & Tools:** React, Vue, Node.js, Tailwind CSS, .NET, Django, Kubernetes, Azure

• **Database Systems:** Firebase, SQLite

• **DevOps & Version Control:** Git, GitHub, GitLab

REFERENCES

1. **Charlotte Haugsten Hansen**
   Merchant,
   Rema 1000 Iseveien
   Email: charlotte.hansen@rema.no
   Phone: 90731457
   Relationship: Manager