



# Bjørnar Moe Remmen

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Software developer

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A developer with experiences within machine learning and backend development. As a developer I really like the challenge machine learning gives and the ability to be creative. The last year I also completed a course in Parallel Programming covering CUDA, OpenMPI and basic pthread & openmp use.

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## Experience

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### Microchip

**Application Engineer • Aug, 2020 — Present**

Writing software both for microcontrollers in C and general backend development.

### Capgemini

**Data Scientist • Jan, 2019 — Aug, 2020**

Worked with a team that specializing in Computer Vision. One of my projects at a startup that used underwater cameras in fish farms was to try to create a program to monitor the health of the fish using Computer Vision.

## **Making Waves**

**Data Scientist • Jul, 2017 — Dec, 2018**

Worked as a general developer and Data Scientist. Two of the projects including Machine Learning were a Norwegian Chatbot project in python and Proof of Concept testing Computer Vision in Elastic Search.

## **Kodeklubben Trondheim**

**Instructor - Internship • Jun, 2016 — Jul, 2016**

Kodeklubben is a Norwegian initiative to teach children coding. This internship was about teaching HTML, CSS, JavaScript to people from junior high school and high school.

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## **Education**

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### **Norwegian University of Science and Technology - NTNU**

**Informatics, M.Sc., Artificial Intelligence • 2015 — 2017**

### **Sør-Trøndelag University COLlege - HiST**

**Computer Science, B.Sc. • 2012 — 2015**

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## **Projects**

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### **jazznotes.io**

**Founder & Primary Developer • 2012 — Present**

Jazz Notes is an open source node/ember app that helps you keep track of your music compositions and new ideas.

## **Springfield Community Outreach Group**

**Co-Founder & Organizer • 2007 — Present**

SCOG is a local monthly meetup in Springfield where we share opportunities to volunteer in the community and organize support for families and neighborhoods in need of assistance that the community can provide.

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## **Skills**

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### **Parallel Programming**

Took a course in 2020 at NTNU in parallel programming that covered CUDA, OpenMPI, OpenMP and Pthreads. Implemented Convolution in OpenMPI and CUDA getting Ideas from the paper Ghost Cell Pattern

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## **Recognition**

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### **Global Data Science Challenge 2020 - 1st place**

**Capgemini • 2020**

The challenge was to identify sperm whales by their fluke.

[<https://www.capgemini.com/client-story/using-ai-to-protect-sperm-whales/>]

(Using AI to protect sperm whales)

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## **Associations**

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### **School Bar**

**Volunteer • 2001 — 2010**

The School bar is used by both engineers and other diciplines to socialize. Some responsibilities I had were to work behind the bar and checking IDs at the entrance.

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## **Additional Links**

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- [Capgemini Global Datascience Challenge - Using AI to protect sperm whales](#)