Julia Byström

+46 761 676 180 | juliabys@kth.se | linkedin.com/in/juliabystrom | github.com/juliaBystrom | juliabystrom.com

EDUCATION

Master in Computer science at Royal Institute of Technology, KTH   *2021 - Present*
Graduating June 2023   Stockholm, Sweden

Computer science and engineering at Royal Institute of Technology, KTH   *2018 - 2021*
Bachelor's thesis: *Evaluating automatic colour equalization to preprocess dermoscopic*   Stockholm, Sweden
images for classification using a CNN. Relevant courses:

- **Algorithms, Data Structures and Complexity**
- **Database Technology: SQL, Relational databases**
- **Large-Scale Software Development** Created a game engine for a subset of Hearthstone using Clojure.
- **Search Engines and Information Retrieval Systems** Worked with the Swedish Public Government Investigations, creating a search engine solution for documents utilizing Elasticsearch.

WORK EXPERIENCE

Microsoft   *July 2022 – September 2022*
Software Engineer intern

Part of the Authentication data and experience team where I created a tool preventing introducing code that worsen web performance. This was achieved by creating a custom task that could be used in Azure DevOps during releases or pull requests.

Nordic Credit Rating (NCR)   *June 2021 – June 2022*
Full-stack Software developer intern

Created and improved internal systems and tools used by the analytical and operational team. Oftentimes with full responsibility throughout the full Software Development Life Cycle. Using mainly React Native, TypeScript and Python and technologies such as Jest for front-end testing. NCR provide credit ratings to issuers of bonds in the Nordic area.

Weknowit   *January 2021 - June 2021*
Software developer consultant (Tech lead role)

Created and implemented full-stack software solutions for clients. Responsible for creating the technical solution that was pitched and accepted by the at the time largest company to be a client of Weknowit. Worked with Next.js, React, PostgreSQL and Node.js.

Royal Institute of Technology, KTH   *November 2020 - June 2021*
Teaching Assistant

Supported and evaluate students on their assignments in the following courses: DD1362 Programming Paradigms - Functional, logic and object-oriented programming through languages such as Haskell, Java and Prolog. DD1331 Fundamentals of Programming - Introductory programming course in Python.

MyAcademy   *April 2019 - September 2019*
Studiecoach

Tutored high school students struggling with math in preparation for their national math exams.

LEADERSHIP EXPERIENCE

Head Of Sales in Studs 2022   *August 2021 - June 2022*
Studs is a student driven project where 31 master students organize and attend events with tech companies. Planned the sales work and led a sales team of seven people.

Project Manager for Career Fair D-Dagen at KTH   *January 2020 - January 2021*
Led a project group of five teams that together created the most profitable digital Career Fair at KTH during 2020. Recruiting a project group before the covid-19 pandemic was known with the purpose of organizing what prior had 80 companies, 60 staff and over 2000 unique visitors gave me experience in:

- **Leadership during uncertainty.**
- **Remotely leading and managing a team.**

VOLUNTEERING

Marketing manager for Career Fair D-Dagen at KTH   *2019*
Established the first organized social media strategy for the career fair and made the social media monetizable.

Mentor for new students   *2019*
Mentored a group of 15 newly admitted students during the computer science reception and organized a get together for newly admitted female students.