

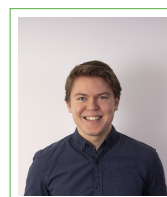
John-John Markstedt

Curriculum Vitae

Axtorpsvägen 23A
90337 Umeå

+46 07 95 95 101

✉ john-john@markstedts.org



Education



2014–2019

Civilingenjörsprogrammet i Teknisk Datavetenskap, Dept. Computing Science,
Umeå University.

Master of Science in Engineering, Computing Science



2017–2018

Finance, Macao University of Science and Technology, Macao, China.



2019

Master Thesis, Cinnober, Umeå.

Emergent Routing Strategies in the Lightning Network.

Experience

Vocational



2021–

Software Developer Specialist, Nasdaq, Umeå.

Promoted in December 2021, as for now the responsibilities remain much the same as previous positions.

Senior Software Developer, Nasdaq, Umeå.

2021

During the first half of 2021, I took lead on the integration between the two Nasdaq products NRTC and PS. During the integration work, I designed resilience model for most of our product integrations. I became scrum master of the NRTC CCP Risk team when our previous team lead went on parental leave. I remained scrum master when he got back.

- The regular responsibilities of a scrum master in a team of 9.
- Gave status updates up the chain of command.
- It became natural for me to take the more technical tasks given to our team.

2019-2021 **Software Developer Trainee, Nasdaq, Umeå.**

I joined Nasdaq through its trainee-program, which is a normal Software Developer position but with some extra training on the side. During the TOCOM project, I worked closely with the JPX RMS system, which is a customization of the NRTC(Nasdaq Real Time Clearing) product. The project added some of JPX's(Japan Exchange Group) other silos/markets, one being Tokyo Commodities Exchange, to the RMS system. When the project was finished I moved over to work on the NRTC product to build it out for future customization projects.

- Rewrote our migration tool to support the new CDB version.
- Built the migration jars for the TOCOM release, and went to Tokyo alone to teach JPX how the their data migration should be applied.
- Did regular full stack development of new business functionality with some bias towards backend and databases.



CTO & Member of the Board, Arboreal, Umeå.

2020- In the annual board meeting in 2020, I was voted into the board and my title changed. My responsibilities remained much the same. During the second half of 2020 and 2021, we expanded our rest API so companies could fetch data from us directly. Also, we got some more notable licensees: Treemetrics, FMM, Tornator.

2019-2020 **Software Developer, Arboreal, Umeå.**

I joined Arboreal pre-revenue and pre-funding. At the time of joining, Arboreal was about to release its first product, the Arboreal height meter for iOS. The app's purpose, which measures the height of trees, was to get a customer base so we'd have someone to sell to when we released our main application: Arboreal Forest. Arboreal Forest was released in the autumn 2019 and it's sold both directly to consumers in the app store, but also to companies through licensing agreements. Notable licensees include: Svea skog, Holmen, Martinsson, and all three major forest owner associations in Sweden: Norra skog, Södra skogs, and Mellanskog. Notable Responsibilities:

- Built and maintained the backend of Arboreal Forest. Namely a REST service with a postgres instance, to store and serve tree measurement.
- Built and maintained a web interface to access measured data, export it, and make some aggregative calculations and distribution statistics.
- Ported Arboreal height meter to Android.



Software Developer, ITS, Umeå.

2018 During the summer of 2018, I worked as an intern at ITS for 8 weeks. ITS is responsible for developing and maintaining software for administrative tasks of higher learning in Sweden, such as applying to University, and keeping a record of degrees.

- Integrated Chrome Lighthouse into ITS continuous testing environment
- Designed and implemented a procedure that identified and reduced dependencies between modules with Java Reflection.

Miscellaneous



Software Developer, Transsaccadic Memory AB, Umeå.

2015- Developing and maintaining Tremory.com.



Programming Contest, NW European ICPC, Eindhoven, Netherlands.

2018 Represented Umeå University in the North West European Regional Contest in the International Collegiate Programming Contest after qualifying from Programmering-SM.

2016 **Cycled across Europe**, *Stockholm - Rome, Europe*.

Cycled across 10 European countries, solo and unsupported, in 8 weeks.

Languages

Swedish Mother tongue

English Fluent

Spanish Basic

Computing skills

Languages C, Java, Javascript, PHP, HTML/CSS, Haskell, Bash, \LaTeX , Python

Frameworks React, React Native, MPI

DBMS Postgre/PostGIS, MySQL

Environments Linux, windows and macOS

Other

o Driver's License(B)

References



Oskar Janson, *Lead Developer*, Nasdaq, Umeå.

tel: +46 70 288 79 74



Johan Ekenstedt, *CEO*, Arboreal, Umeå.

tel: +46 76-147 68 14