



# Bjarni Jens Kristinsson

## Curriculum Vitae

### Work experience

- 2022 – *curr.* **Team Lead**, *Systecon*, Stockholm, Sweden  
Managing a team that is building and prototyping several new products for our customers. Building and maintaining a strong team by focusing on team dynamics, motivation and people growth. Tech stack includes modern TypeScript/JavaScript, React and Azure cloud.
- 2020 – 2022 **Senior Software Engineer**, *Klarna*, Stockholm, Sweden  
Driving a change towards automated and data-driven recruitment at Klarna. Started initiatives and led the technical work of using robots and algorithms to evaluate online profiles at bulk and generating personalised reach-out messages based on their data.
- 2015 – 2018 **Software Developer**, *WuXi NextCODE*, Reykjavik, Iceland
- Summer 2014 **Software Developer**, *Invector*, Reykjavik, Iceland
- Summer 2013 **Software Developer**, *Reykjavik Energy*, Reykjavik, Iceland

### Development tools

- Languages Python, TypeScript/JavaScript
- Mindset DevOps, TDD, CI/CD, ETL pipelines, data manipulation, end-to-end ownership
- Toolbox Linux, Docker, Jenkins, Travis, Ansible, Terraform, Bash/Zsh, SSH, git, L<sup>A</sup>T<sub>E</sub>X
- Data analysis NumPy, Keras, TensorFlow, R, Octave/MatLab, Prometheus, Grafana, SQL

### Education

- 2017 – 2019 **M.Sc. in Computer Science**, *Reykjavik University*, Iceland, 9,12 (out of 10)  
Spent the year 2017-18 at *Vrije Universiteit Amsterdam* in the Netherlands taking courses on distributed systems, concurrency algorithms, coding theory and cryptography. RU courses on topics such as machine learning, deep neural networks and combinatorics. MSc thesis named *Searching for combinatorial covers using integer linear programming* (available from <http://hdl.handle.net/1946/34919>).
- 2012 – 2015 **B.Sc. in Mathematics**, *University of Iceland*, Reykjavik, 8,55 (out of 10)  
Specialization in Computer Science. Elective courses in subjects such as algorithms, probability theory, combinatorics and graph theory. President of the student union Stigull during the school year 2013-14. Wrote a thesis named *Occurrence graphs of patterns in permutations* (available from <http://hdl.handle.net/1946/22017>) that got published in *Involve* (<https://doi.org/10.2140/involve.2019.12.901>).

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## Teaching

- 2018 – 2019 **Teacher Assistant**, *Reykjavik University*, Reykjavik  
Teacher assistant and grading homework in courses on Calculus, Statistics and Discrete Mathematics.
- Fall 2013 **Teacher Assistant**, *University of Iceland*, Reykjavik  
Teacher assistant in a Linear Algebra course.
- 2012 – 2014 **More teaching**, *Various employers*, Reykjavik  
I have taught a computer science class for the Youth University (summer 2013), revision courses in mathematics for Nobel tutoring Ltd. (2012 – 2013) as well as I have had many students for private tutoring in mathematics (2012 – 2014).

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## Interests

- family As a father of one, much of my free time is devoted to my family. If it isn't time spent on the playground with my son or at home playing cards with my partner, I might be cleaning the floor around the baby chair or washing his clothes.
- sports I love all kinds of sports. Mostly I ride bikes either recreationally or as a way to commute to work or on other errands. I like to go on hikes and I try camping at least once a year. I play football regularly and sometime I've lifted weights at a gym. In the summer of 2012 my friend and I went on a 2 month biking tour through Europe, visiting six countries and bicycling over 1600 km.
- chess For many years I studied chess and I achieved a peak ELO rating of 2062. In 2007 I became national champion U20 and in 2009 I played in the World Youth Chess Championship held in Antalya, Turkey. Twice I became Nordic champion and three times national champion with my junior college chess team. I have taught chess in various elementary schools and organized my own summer chess workshops.
- math I am deeply intrigued by the concept of infinity and I take joy in intuitive proofs by contradiction. During junior college I participated in multiple mathematics competitions and twice I was selected to compete with the national team in Baltic Way.
- tech Previous hands-on hobby projects included autonomous Raspberry Pis hosting websites and recording timelapses. Set up [blog.bjk.is](http://blog.bjk.is) to document some of it. I manage my own VPS hosting websites and experimenting with various webservices.

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## Languages

- Icelandic native language  
Swedish fluent  
English full professional proficiency  
French beginner level

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## References

Available upon request.

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