

Arvid Lunnemark

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Education

Massachusetts Institute of Technology Cambridge, MA
Majors: Mathematics, Computer Science and Engineering 2018 – 2022
Selected Coursework: Design and Analysis of Algorithms, Linear Partial Differential Equations, Computation Structures
Activities: MIT Battlecode (Tech Chair), Harvard-MIT Math Tournament (Editor-in-Chief)

Malmö Borgarskola High School Malmö, Sweden
GPA (unweighted): 20.0/20.0 2015 – 2018

Awards

International Mathematical Olympiad: Gold Medal 2018, Bronze Medal 2017
International Olympiad in Informatics: Silver Medal 2017

Experience

QuantCo Cologne, Germany
Software Development Intern Summer 2019
Will work in software development for QuantCo, a data science startup in finance.

Massachusetts Institute of Technology Cambridge, MA
Independent Research Assistant 2018 – current
Working on converting spoken math formulas into LaTeX code, under the supervision of Dr. Kyle Keane within the Department of Materials Science. The current state of the project can be viewed at <https://saytex.xyz>.

Malmö Borgarskola Malmö, Sweden
Math Tutor 2017 – 2018
Introduced 11- and 12-year-olds to mathematical problem-solving strategies, together with two other students. We developed the curriculum and organized the lectures ourselves.

Independent Projects

iOS App Development 2015 – 2016

Speedafari: 100,000 downloads, out of which 4,000 were paid. 4.6 out of 5 stars. Speeds up web browsing by blocking ads and other unnecessary content.
<https://itunes.apple.com/app/id1030762703>.

Simple Counter: 30,000 downloads, out of which 1,000 were paid. 4.8 out of 5 stars. Tally counter app with a focus on simple, adaptive design.
<https://itunes.apple.com/app/id993429927>

Relevant Skills

Programming Languages: Proficient in C++, Python, Swift, Javascript.

Technologies: Flask, SQL, HTML and CSS (web development), Numpy and Pandas (data analysis), iOS SDK.

Spoken Languages: Fluent in English and Swedish. Have taken classes in French and Russian.