

# Helena S. Jonsdottir

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## EDUCATION

### Columbia University

*M.S. in Computer Science (Machine Learning track)*

New York, NY

Expected Dec 2023

- Completed courses: Introduction to Databases, Artificial Intelligence, Analysis of Algorithms I, Security I

### Reykjavik University

*B.S. in Computer Science, GPA: 9.59/10.0*

Reykjavik, IS

Jun 2022

Dean's list fall 2021, graduation award for great academic results

### Reykjavik University

*B.S. in Mechanical Engineering, GPA: 9.42/10.0*

Reykjavik, IS

Jun 2021

Class rank: 1/73

## WORK EXPERIENCE

### Fjarmalportid

*Founder and programmer*

Reykjavik, IS

May 2022 - Aug 2022

- Programmed a solution to keep track of all assets of an individual in one place
- Developed a backend in .NET and C# and a frontend in React and Typescript. Used Postgres for a database and Docker for containers

### Brimborg

*Technical Consultant*

Reykjavik, IS

May 2022 - Aug 2022

- Designed, organized, and held computer security training sessions for over 120 employees
- Reduced the time it takes the HR department to hire a new employee by 50% by digitalizing the process

### Efla

*Summer intern*

Reykjavik, IS

Jun 2021 - Aug 2021

- Researched leveraging fuel cells as backup power for lighthouses in Iceland
- Created over 100 Inventor design drawings for 3D models and made a 3D model from a point cloud

## ACADEMIC EXPERIENCE

### Reykjavik University

*Teacher's Assistant*

Reykjavik, IS

Jan 2020 - May 2022

- Guided students in courses in Python, Linear Algebra, and Matlab during undergraduate studies
- Graded assignments and tests, and assisted students during weekly exercises

### Reykjavik University

*Research Assistant - PORTAPLANTS*

Reykjavik, IS

Jun 2020 - Aug 2020

- Designed and built four small portable power plants to use as teaching equipment in the energy field

## PROJECTS

### Ada konur

Oct 2022 - Present

- Founded an instagram account called @ada\_konur to make female role models in the software industry more visible to young Icelandic women. Reached over 500 followers in the first month

### Final project for BSc. in Computer Science

Jan 2022 - May 2022

- Designed and developed a support portal for employees of AGR to be able to log into multiple clients in one place. Used C# and .NET for the backend and Angular and Typescript for the frontend

## SKILLS

Technical: Programming (Python, Typescript, Javascript, React, Angular, C#, Java, C/C++, Matlab, HTML/CSS, MySQL, Postgres), Microsoft platforms (Word, Excel, PowerPoint, Power BI)  
Spoken Languages: Icelandic (native), Danish (intermediate), Spanish (beginner)