

# eliasobeid

master of science in computer science and engineering

## about

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February, 1991  
Danish citizen

Copenhagen, Denmark

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## language

trilingual  
danish/english/arabic

## programming, markup, and tools

Python, PyTorch,  
CUDA, C, C++, C#,  
Java, JavaScript, Ruby,  
Haskell (learning),  
SQL, NoSQL, ReQL,  
Git, SVN, Docker, Vim,  
Terminal,  $\text{\LaTeX}$ , Linux,  
Windows

## main interests

deep learning  
computer security  
software engineering

## education

- 2014–2016 **M.Sc.** Computer Science and Engineering The Technical University of Denmark  
Four semesters (120 ECTS) of four months each. Master thesis with the topic of machine translation and natural language processing.
- 2011–2014 **B.Sc.** Computer Science The University of Aalborg  
Six semesters (180 ECTS) of four months each. Bachelor project with the topic of genetic algorithms.

## work experience

- since 2018 **Co-founder & deep learning consultant** munk.ai  
Ambition to create leading research in natural language processing in Denmark. Our hope is to bridge the gap between research and product, such that state of the art deep learning technologies are no longer Silicon Valley proprietary assets.
- 2016–2018 **System architect** Seez  
Built scalable and secure back-end to handle thousands of users on mobile apps. Server maintenance, file storage, and DNS hosted by AWS. Data crawling, data handling, and data processing. Applied deep learning techniques to approximate prices of the used car market.  
The founder has a vision of making it easier and more transparent to sell/buy a used car. First round of investment on \$1.8M with an evaluation of \$6M.
- 2015–2016 **Student developer** Berlingske People A/S, Radio24syv  
Website, API infrastructure, and other IT tools used internally. NodeJS with ExpressJs, AngularJS, and C# with Dokku (local hosting) and MongoDB for storage. Hosted with Heroku and custom local servers.
- 2014–2015 **Student developer** Falck Healthcare A/S  
Web development with Ruby on Rails using a PostgreSQL database.
- 08–12 2013 **Assistant teacher** The University of Aalborg  
Assistant teacher in imperative programming with C.
- 02–07 2011 **Private (national service)** Danish Emergency Management Agency  
Firefighting education and emergency duty.

## publications

- Oct 2016 **Neural Machine Translation with Characters and Hierarchical Encoding** arxiv.org/abs/1610.06550  
In NIPS RNN Symposium 2016.