

# Alexander B. Holstrup

SOFTWARE ENGINEERING STUDENT · PROGRAMMING EXPERT

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## Professional Profile

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My name is **Alexander**. I'm a 22 year old engineering student from **Denmark**. I am currently on my 6th semester of my undergraduate degree. My strengths are primarily in mathematics, programming and **logical thinking**, which was why I chose to study software engineering. I plan to take a masters degree in **software engineering**, and work internationally upon graduating. I would describe myself as extremely **ambitious** and I am constantly searching for ways to improve my own work. I do this by always evaluating my own performance, and being a **good listener**, to learn from the people around me. I'm writing my thesis in **machine learning** with the company **Uizard**. Feel free to contact me anytime or check out my LinkedIn.

## Education

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### Technical University of Denmark

*Kongens Lyngby, Denmark*

B.SC. IN GENERAL ENGINEERING

*Aug. 2016 - PRESENT*

- General Engineering had the 22nd highest GPA requirement of all educations in Denmark in 2016
- Studying various subjects in the field of engineering, but with a focus on programming and Cyber Systems
- Planning on taking a masters in Computer Science and Engineering
- Studied abroad at **University of Illinois at Urbana-Champaign**

### Silkeborg Gymnasium

*Silkeborg, Denmark*

HIGH SCHOOL DIPLOMA

*Aug. 2012 - Jun. 2015*

- Got my high school diploma with a specialization in mathematics, physics and chemistry
- Participated in the second round of the danish math competition Georg Mohr
- Student Council member all three years

## Experience

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### Technical University of Denmark

*Kongens Lyngby, Denmark*

IT-SERVICE & SUPPORT

*Jan. 2017 - PRESENT*

- Providing IT support to students and employees at DTU
- Tasks involves, among others, providing help with Microsoft Office, solving issues with academic software and installing new PCs.

### MentorDanmark

*Copenhagen, Denmark*

MATH AND PHYSICS TUTOR

*Nov. 2016 - May 2017*

- Tutoring high school students in various topics in math and physics
- Giving them feedback, and advice for improvements

### JN Data

*Silkeborg, Denmark*

IT-SUPPORT

*Dec. 2015 - May. 2016*

- Taking calls and monitoring several hundred ATMs from the largest banks in Denmark
- Communicating clearly and effectively to guide technicians with fixing the ATMs

## Volunteering

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### MatematikCenter

*Copenhagen, Denmark*

MATH TUTOR

*Dec. 2015 - PRESENT*

- Tutoring high school students in math, mainly through Skype
- Writing articles for their website Webmatematik.dk, explaining concepts in mathematics

### JIVE

*Rio de Janeiro, Brazil*

SPORTS DEVELOPMENT & TEACHING

*May 2016 - June 2016*

- Volunteering in the favelas "Santa Marta" and "Barreira do Vasco"
- Organizing sports, and teaching basic English phrases to Brazilian kids

### Dreams To Reality

*Cape Town, South Africa*

SPORTS DEVELOPMENT

*Sep 2015 - Nov 2015*

- Running the Physical Education classes at Sullivan Primary School in Steenberg, South Africa.
- Being a role model for the kids, and taking some pressure off the local teachers.
- Getting the best out of any situation

## Languages

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**Danish:** Native Language

**English:** Fluent, Bilingual

**German:** Limited

## Computer Languages and Programs

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**Python:** Advanced

**Matlab & R:** Advanced

**Java:** Advanced

**F#:** Proficient

**HTML:** Advanced

**CSS:** Proficient

**Keras & TensorFlow:** Proficient

## Accomplishments

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2018 **Article, Talenternes By** (City of Talents) - Page 10

*Denmark*

2017 **Participant**, Bosch Nordic Challenge

*Sweden*

2017 **Jury Member**, SCIENCE (Science Fair)

*Denmark*