

Joël Sean Abrahams

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SUMMARY

Well rounded computer science master student at the Delft University of Technology, specialising in cyber security. Part of the honours programme, a programme organised for the top 5% of students that excel academically. Aims to continually develop both technical expertise and communication skills through use of rigorous continuous self-evaluation and feedback from others. Demonstrated ability to coordinate and work with others.

EDUCATION

TU DELFT

MSc COMPUTER SCIENCE

Sep 2018 - PRESENT | Delft, NL

BSc COMPUTER SCIENCE: 8.1

Cum Laude

Oct 2015 - Jul 2018 | Delft, NL

VU

MINOR COMPUTER SCIENCE: 8.2

Oct 2017 - Jan 2018 | Amsterdam, NL

AAHA

VWO: 8.0

Oct 2012 - Aug 2015 | Paramaribo, Suriname

BRITISH SCHOOL OF MUSCAT

GCSE: A

Oct 2008 - Jul 2012 | Muscat, Oman

LINKS

github.com/JSAbrahams

[linkedin.com/in/joël-abrahams/](https://www.linkedin.com/in/joël-abrahams/)

[@JoelAbrahams96](https://twitter.com/JoelAbrahams96)

SKILLS

SOFT SKILLS

Teamwork • Communication • Decision making • Public speaking • Leadership • Adaptability

</> PROGRAMMING

Over 5000 lines:

Java • Kotlin • Python • Rust

Over 1000 lines:

Scala • C • C++ • Ruby • Rails • Haskell • JavaScript • MATLAB • C#

Familiar:

MySQL • Assembly • Prolog • Eiffel • Swift • Go • Smalltalk • Perl

LANGUAGES

Dutch	<div style="width: 100%;"></div>	Native
English	<div style="width: 100%;"></div>	Native
German	<div style="width: 25%;"></div>	Elementary
Mandarin	<div style="width: 25%;"></div>	Elementary
French	<div style="width: 25%;"></div>	Elementary

HOBBIES

Playing Piano - Classical/Romantic era
Painting and Photography
Graphic Design

EXPERIENCE

OUTSITE | BOARD MEMBER - TREASURER

Oct 2018 - PRESENT | Delft, NL

The LGBT+ youth society of Delft.

- Manage the finances, several committees, and activities of the society.
- Maintain online presence of the society and contact with her sister societies.

ANS DELFT | RUBY ON RAILS WEB DEVELOPER

Nov 2017 - May 2018 | YesDelft, Delft, NL

An online platform for grading assignments and exams.

HONOURS PROGRAMME | TOUR COMMITTEE PRESIDENT

Aug 2018 - Aug 2019 | Delft, NL

Committee that organises a yearly excursion abroad for honours students. This year to Seoul, with Industry 4.0 as the central theme.

- Manage general effort of team and several logistics.
- Treasurer during 2018 excursion to Hong Kong and Shenzhen.

HUMAN POWER TEAM | CHIEF CONTROL ENGINEER

Dec 2016 - Sept 2017 | Delft, NL

Delft and Amsterdam student team specialising in human powered vehicles.

- In charge of developing the camera system and data collection system.
- Participated in the speed challenge of the International Human Powered Vehicle Association at Battle Mountain, Nevada, USA.

PROJECTS

SOFTWARE ENGINEERING RESEARCH GROUP | SCHAAPI

Apr 2016 - July 2018 | Delft, NL

Schaapi is a tool for detecting, aside from binary breaking changes, semantic breaking changes of APIs based on real-life usages.

MAMBA | MAMBA

January 2019 - PRESENT | Delft, NL

A personal project where I develop a new programming language which aims to improve upon Python by introducing a type system and null safety features.

RESEARCH

MULTIMEDIA COMPUTING GROUP | JUNIOR RESEARCHER

Oct 2016 - Sept 2018 | Delft, NL

Investigated the effects of impairment on semantic recognition and perception of image quality at the early attentive stages.

AWARDS

2018

2005 - 2012

Honours Programme Certificate (20 EC)

ABRSM Piano Grades 1 - 5

SOCIETIES

2016 - PRESENT

2016 - PRESENT

Youth LGBT+ Society Outsite

Student Classical Music Society Krashna Musika