

Steven van den Broek

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Goes, The Netherlands

EDUCATION

- **B.S. Computer Science and Engineering**
Eindhoven University of Technology; 8.7/10
September 2019 to July 2021 (expected)
- **B.S. Applied Mathematics**
Eindhoven University of Technology; 8.7/10
I follow a double degree program with Computer Science and Engineering. Additional study load allows one to receive two bachelor degrees in the same time it takes to complete one degree (3 years).
September 2018 to July 2021 (expected)
- **High School VWO**
Pontes Het Goese Lyceum; 8.5/10, *cum laude*
I followed the 'Nature & Technology' track, including the elective courses physics, chemistry, computer science, and 'mathematics D' (extra math).
2012-2018

EXPERIENCE

- **Student assistant**
Eindhoven University of Technology
As a student assistant I graded practical homework assignments written in Haskell. In addition I helped create a new assignment for the students about programming the logic for a sudoku game.
September 2020 to October 2020
- **High school tutoring**
Leerlingzorg Goes
At Leerlingzorg Goes I gave individual tutoring to high school students, who struggle with learning, for the courses mathematics, physics, chemistry, English, French and Dutch. For this, I received practical training and a short theoretical course consisting of 10 lessons.
April 2016 to July 2018

CERTIFICATES

- **Certificate in Advanced English**
Cambridge English
June 2016

SKILLS

- **Technologies**
JavaScript, CSS, HTML, GLSL, Python, Java, Kotlin, Haskell, C, Git, Processing, OpenRNDR, \LaTeX , TikZ
- **Languages**
Dutch: native speaker
English: C1 (advanced)
French: intermediate

PERSONAL PROJECTS

- **Hascard** [github.com/Yvee1/hascard]
A terminal application for flashcards
2020, Haskell
- **Project website** [pages.recursive.me]
A website made with Hugo containing a list of my projects
2020, Hugo, HTML, CSS
- **Personal website** [recursive.me]
A website made for fun containing some information about me
2019, HTML, CSS, JavaScript, GLSL
- **Websites with algorithmic botany 'sketches'** [pages.recursive.me/Park] , [pages.recursive.me/Garden]
Websites containing 'creative coding sketches'. I made these two websites to get acquainted with different web technologies.
2019, HTML, CSS, JavaScript: Three.js, p5.js, d3.js, sigma.js, pixi.js, pts.js, dat.gui.js

AWARDS

- **Aesthetics Award**
Eindhoven University of Technology
Award for most aesthetically pleasing visualization for the course 'DBL HTI + Webtech' where we as a group of 7 people had to create a web-based visualization tool. The image that won was one that I had created using our group's visualization tool.
July 2019