

# Curriculum Vitae

This CV is also available as a [PDF](#).

## Personal Information

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*OpenPGP Key* work-in-progress

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## About Me

Tinkering computer scientist and self-taught programmer. A sharp eye for detail, but I can iterate quickly if needed. I have a solid understanding of computing concepts, and a surprising amount of experience. Good at communication, I thrive in interdisciplinary and diverse environments. I would enjoy a job where I could apply and expand my knowledge of mathematics.

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## Education

- 2018 - 2022 BSc Computer Science and Engineering** at Eindhoven University of Technology, Netherlands
- GPA: 7.8/10
  - Final project on GPU-accelerated audio simulation in a large team, for a real-world client.
  - Elective packages on computer security, AI + data science, sustainable design, and electronics.
- 2011 - 2017 VWO** at Liseo Boneriano, Bonaire, Caribbean Netherlands
- Graduated best of class.
  - Final project on Captcha cracking using artificial neural networks.
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## Extracurricular Activities

- 2021 Guest speaker** at conference 'Differ(ent) kinds of energy'
- Together with a classmate, we compiled and presented the needs of LGBTQ+ students at the TU/e.
- 2021 Activist** at Rainbow Academy, Nationale Jeugdraad
- Campaigned for higher quality and more accessible healthcare for young LGBTQ+ people, through discussions with government officials.
- 2018 - 2021 Yearly participant** in the Eindhoven Algorithmical Programming Challenge
- 2020 Lead developer** at A Place for Now
- A Place for Now is a student-led initiative, pairing homeless (international) students with student hosts that can accommodate them while they search for housing.
  - Recruited and guided new team members.
  - We won the Audience Prize at the TU/e Contest 2020.
- 2019 1st place** at Wallifornia MusicTech Hackathon
- Used a motion capture device to control digital audio effects with body movements.
  - Worked in an interdisciplinary, ad hoc team.

**2015 - 2018 Various code projects**

- Made a game engine in JavaScript.
- Created a few multiplayer web games.
- Made a web scraper for torrent traffic.
- Created a Discord bot.

**2012 - 2018 Junior Ranger at Stinapa Bonaire**

- Had weekly lessons in biology and conservation.
- Contributed on scientific projects on jellyfish and sunscreen.
- Joined debates on climate policy.
- Transplanted and cultivated endangered corals.

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## Teaching Experience

**2017 - 2018 Self-employed mathematics tutor**

- Taught VWO exam-level mathematics. (Wiskunde B)
- Made schedules with students and studied the learning material intensively.

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## Work Experience

**2017 - 2018 Tour guide at Watertaxi Kantika di Amor**

- Entertained and educated tourists about nature on Bonaire.

**2017 - 2018 Restaurant staff at Cuba Compagnie Bonaire**

- Served food and drinks in one of the busiest restaurants on Bonaire.
- Discovered a vulnerability in the cash register software that allowed unauthorized users to open it.

**2016 - 2017 Web developer at SkillsProf**

- Along with another student, we developed a new website for our high school.
- Maintained the SkillsProf e-learning platform.

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## Skills

<i>Soft Skills</i>	SCRUM, public speaking, (academic) writing and documentation, literature search
<i>Embedded Systems</i>	C, C++, Linux, Assembly, Arduino, Raspberry PI
<i>GPU Programming</i>	OpenGL, WebGL, OpenCL
<i>Security</i>	Metasploit, Kali Linux, Wireshark
<i>Databases</i>	SQL, PostgreSQL, optimization, Hadoop
<i>Data Science</i>	Python, Cython, Spark, R, machine learning
<i>Game Development</i>	Unity, C#, Blender
<i>Web Development</i>	Google Cloud, JavaScript, REST APIs, Node.js, Vue.js, HTML, CSS
<i>Design</i>	Photoshop, Figma
<i>Mathematics</i>	LaTeX, discrete math, complexity theory, probability and statistics, linear algebra
<i>Software Engineering</i>	UML, requirements gathering, unit testing, Java
<i>Other</i>	Git, Docker, Ruby, audio engineering, Ableton, automated testing, soldering!

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## Language Proficiency

<i>Dutch</i>	Fluent
<i>English</i>	Fluent
<i>Papiamentu</i>	Student

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## Hobbies

Thanks for reading this far! I enjoy playing any instrument I can get my hands on. I also hike a lot, and recently I've been writing more poetry.

*website made by Ave in pure HTML (ノ●ヲ●)/\*:・°✧*