Alex Goddijn

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Education

2008–2013	**International Baccalaureate**, *International School of Amsterdam*, Final score 38/45.
2012	**SAT**. Subject scores: Chemistry - 650, Math 2 - 740, Physics - 690 SAT scores: Reading - 700, Math - 740, Writing - 620
2013–Present	**Bachelor of Science**, *University of British Columbia*, Vancouver, *81.4% Average*. 1st year Science One (combined sciences) (79.4%) 2nd - 3rd year Engineering Physics (81.8%) 4th year Computer Science and Physics (Currently 86.7%)

Experience

Vocational

2016-2017	**Tutor**, *Key Admissions*, Vancouver. A part time tutoring job. Tutoring students from 2nd grade all the way to 12th grade in Maths, Physics, and Chemistry, both IB and BC curriculum
2014	**Software Engineer**, *Axiom Zen*, Vancouver. Had a role helping a startup as a general software engineer. Loose structure meant taking on lots of high level responsibilities. Detailed achievements:

- Front end design for website application using industry standard technologies (MEAN stack)
- Setup of map servers
- Integration of front end and back end (data flow)
- Creation of automation tools (in Python)

2012–2013	**Software Engineer and product manager**, *TomTom*, Amsterdam. Assisted in the implementation of several algorithms, and helped initiate the design process for a new wearable fitness product. Detailed achievements:

- Implementation of clustering algortihm (k-means)
- Design proposal of wearable fitness tracker

2011	**Customer service representative**, *TomTom*, Amsterdam. Helped customers with technical questions in a customer support call centre

Miscellaneous

2015	**Software Engineer**, *UBC Sailbot*, Vancouver. Helped in the design and implementation of a software system for an autonomous sailing vessel

2015 **General Engineer**, *UBC Engineering Physics Robot Competition*, Vancouver.
Designed and built an autonomous robot designed to pick up and transport stuffed animals for a competition. Achieved 3rd place and received the highest grade for our product

Languages

English	**Fluent**	*Native language*
Dutch	**Fluent**	*Native language*
French	**Fluent**	*Native language*

Computer skills

Languages	Java, Javascript, C++, LaTeX, Matlab, C, Assembly
Software	Final Cut Pro, Sketch, Matlab, NodeJs, Angular, git
Skills	Good understanding of low level computer architecture and memory management. Experience in writing assembly programs. Experience using valgrind and reference counting to find and fix dangling pointers and memory leaks. Experience with software engineering, working in scrum teams, and full stack software development. Good understanding of common data structures, including methods of analyzing time and memory complexity

Interests

Skiing	Downhill and freestyle
Cycling	Road and enduro
Running	Medium distance
Waterpolo	Recreationally
Film	Watching and also creating small sports edits
Literature	Fiction and non-fiction, wide variety of genres

Some favourite books:
- Zen and the Art of Motorcycle Maintenance
- Six Not So Easy Pieces
- Surely You're Joking Mr Feynman
- Norwegian Wood

Prizes

- Several prizes for excellence in Maths, Physics, and Chemistry during high school
- Several small scholarships at UBC of the amount of between $500 and $1000
- 3rd place in a mechatronics design competition at UBC

References

- Marc Kuo - Founder of Routific
- Andre Marziali - Head of Engineering Physics at UBC
- Patrick Stal - VP Marketing at TomTom Sports