

Amber Elferink



[Amber-Elferink](#)




[a.s.elferink](#)



Computer Science student with interest in Robotics and Haptics.

Haptic feedback in virtual reality will provide lasting experiences.

Developing technology in that field is my dream.

Education		Skills
Bachelors		Languages
 Utrecht University		<ul style="list-style-type: none">✓ C#✓ Javascript/Node.js (+ ExpressJS)✓ HTML & CSS✓ SQLite✓ Dutch (native)✓ English (C1-C2)
Computer Science Minor	Chemistry Bachelor	Others
Sept 2017 – Dec 2018 GPA 4.0/4.0	Sept 2014 – June 2017	<ul style="list-style-type: none">✓ Adobe Photoshop✓ Adobe Illustrator (Basic skills)✓ Arduino
Projects		Work
Hand detection - View project wiki on Gitlab <ul style="list-style-type: none">• Built from a template allowing to load an image and save an image.• Featuring handtracking and detection without an external library. The background is a beamer table, which occludes the hand. The hand can be rotated in any direction.• Graded with a 9/10.• Built in C#. Basic Ray Tracer - View project wiki on Gitlab <ul style="list-style-type: none">• Built from a template enabling to color individual pixels on the screen.• Featuring refraction, anti-aliasing, triangle support and spotlights.• Graded with 10/10.• Built in C#. Webshop Fastdining - View project wiki on Gitlab <ul style="list-style-type: none">• Built for the web technology course.• Includes a login, register, update profile, buying products and order history.• Graded with 9.75/10.• Built with Node.js + ExpressJS, Javascript, SQLite, HTML and CSS.		University Utrecht – Teaching Assistant Freudental Institute <i>Oktober 2017 – present</i> Various tasks in education for high school students and teachers. Tasks including but not limited to: <ul style="list-style-type: none">• Assisting students with their Arduino projects in an Arduino U-talent course.• Assisting in the Simulation and Games U-talent course.• Translating the Mathematical Kangaroo competition for the visually disabled.• Helping organize and assisting at conferences such as the Woudschoten Chemie beurs and Research Funding Days. University Utrecht – Teaching Assistant Logics <i>December 2018 – present</i> <ul style="list-style-type: none">• Answering and helping students understand the material of the Logics course for the Computer Science Bachelor. University Utrecht - Student Tutor <i>Oktober 2017 – present</i> <ul style="list-style-type: none">• Helping students with the choices and challenges they face in studying the first year and informing them.

