

Gustav Gille

Gothenburg | gustav.gille@gmail.com | +46 070 932 72 07

www.gustavgille.com

PROJECTS

- **ClaudesLens**
Developed theoretical model using iterated Gaussian noise to enhance the accuracy of neural network predictions by implementing measurements for quantifying uncertainty.
 - **gustavgille.com**
Successfully launched VPS hosted in Germany with HTTPS and SSL, linked to personal domain. Implemented with vanilla CSS, JS, and HTML.
 - **Fourier Series**
Implemented a Fourier series approximation to model the dynamics of a beam post-weight removal. Interactive fourier series approximation available on website.
-

EDUCATION

- **Master's** in Mathematical Engineering and Computational Science
Chalmers University of Technology, 2024-present
 - **Bachelor's** in Software Engineering with Bachelor of Science in Mathematics
Chalmers University of Technology, 2021-2024
-

EXPERIENCE

- **Teaching Assistant**, Fundamental Computer Science, 2023
Provided instructional support and graded coursework in foundational computer science.
 - **Speaker**, IT Recruitment Group, 2023-2024
Delivered presentations to audiences exceeding 100 students and conducted coding tutorials for high school students, covering algorithms and neural networks.
-

PROGRAMMING & SKILLS

- **Python** (4 years): Simulations, algorithms, plotting, LeetCode, differential equations.
 - **Other Technologies** (2-3 years): JavaScript, HTML, CSS, SQL, APIs, C, Java, Assembler, MATLAB, AGILE, Git. Experience includes web development, algorithm design, and low-level programming.
-

REFERENCES

Available upon request.

Links

- [Personal Website](#)
 - [Academic Publication](#)
 - [LinkedIn](#)
-