Gustav Gille

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PROJECTS

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

EDUCATION

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

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.
- **Sales Associate, Bauhaus**
  2023-2024
  Managed sales transactions and customer service for high-value products, with individual transactions up to 50,000 SEK.

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, Git. Experience includes web development, algorithm design, and low-level programming.

REFERENCES

Available upon request.

Links

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