`<h1>` Wolf Mermelstein `</h1>`

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Techie with a passion for problem-solving, making, and exploring. Interested in full-stack/webdev, system design, and further exploring unfamiliar CS areas.

Languages, Skills, Awards

- English (fluent)
- Ancient Latin (learner)
- Python 3, Typescript/JS, Java, HTML/CSS
- Microsoft Bug Hunter Acknowledgment (2022)
- Hackett Certificate for "greatest proficiency in oratory, either verse or prose" (2022)
- High School Departmental Nanoscience and Ancient Latin awards (2023)
- Fast Typist (95+ wpm)
- Adobe Illustrator & Photoshop
- Microsoft Office/G-Suit
- CPR Certified (2022)

Work Experience

Brooklyn Robot Foundry, Teacher & Design Team

2020-2023

- Crafted custom slide templates and inventory management systems for designers & teachers, simplifying and enhancing the 'robo-kit' creation process.
- Developed novel 'inventors' curriculum fostering open-ended exploration, consisting of over 40 unique lessons, taught to 10-12 year olds throughout the country.
- Created content for astronomy 'Science Lab' course with thorough, interactive lessons for 6-9 year olds.
- Lead-taught virtual robot-building summer classes to groups of 5-12 8-13 year olds.

Crystalyn Kae Inc, General Assistant

2018-2019

- Aided with studio tasks, such as photoshopping photos of merchandise, heat stamping logos onto leather bags, applying labels to handbags, and cutting leather strips.
- Helped ideate & design marketing graphics.
- Delivered products and supplies across NYC.

Other Experience

Recurse Center Retreat

2023

- Brooklyn-based intensive coding retreat.
- Built fullstack portfolio site with Next.Js, React, Tailwind, & Prisma/Postgres/S3.
- Explored automatic SVG file generation & templating w/Python & Chrome DTP.
- Engaged in and led eclectic CS-related workshops, presentations and pairing sessions.

DNA Nanotube Design Tools

2022-2023

- Self-taught advanced Python (PyQt, Numpy, Pandas, etc.) and learned about structural DNA nanotechnology.
- Created interactive app for designing geometrically constrained DNA nanotubes.
- Engaged in weekly debugging/planning meetings with physics professor.

Minecraft Name Autoclaiming

2021-2022

- Developed proprietary systems to auto-deploy & prime servers with 60-80 accounts for auto-claiming valuable usernames at milisec of release.
- Facilitated sales process and auctions for over 100 buyers, generating 6k+ in revenue with around 200 accounts sold.

Education

2023-present

- CS Student at Case Western Reserve University; anticipated 2027
  Relevant Coursework: Data Structures, Logic Design, Calc 1/2

2019-2023

- HS Diploma & Associates of Arts, Bard High School Early College Queens
  4.0 College GPA • 3.9 Highschool GPA • 1550 SAT