LUCAS LOECHER

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EDUCATION AND AWARDS

DigitalCrafts   **Remote**
- Currently enrolled in DigitalCrafts part-time full stack software engineering program.   *July 2021 – Feb. 2022*
- 26-week program that teaches JavaScript, HTML, Git, CSS, NodeJS, React, Redux, Express, Sequelize, and PostgreSQL in a project-based curriculum.

University of Rochester   **Rochester, NY**
Bachelor of Science in Chemical Engineering   *Received May 2019*
- Cumulative GPA: 3.37, Dean's List
- **Relevant Coursework**: Intro to Web Development, Linear Algebra w/ Diff. Equations, Fundamentals of Computing, Applied Statistics, Calculus, Physics

Lancaster High School   **Lancaster, NY**
- Class of 2015 Salutatorian, ranked #2 out of 490 students   *September 2012- June 2015*

PROFESSIONAL EXPERIENCE

XEROX CORPORATION   **Webster, NY**
Chemical and Materials Engineer   *October2019 – present*
- Member of the toner development and manufacturing team.
- Involved in the development and scale-up of toner for a customer who will be using Xerox toner when they launch their new fleet of printers.
- Collect and analyze data from production-scale toner to develop specifications that will be used with new customer.
- Key player on product delivery team. Make sure toner samples are shipped on time to customer so they can perform their testing on the product.

SAFRAN AEROSYSTEMS   **Lancaster, NY**
Manufacturing Engineer   *July 2019-September 2019*
- Oversaw the production of passenger oxygen masks used for commercial aviation.
- Troubleshooted and developed solutions for existing problems on the production line.

COLLEGE ACTIVITIES

UNIVERSITY OF ROCHESTER VARSITY SOCCER   *August 2015-December 2018*
- Developed excellent time management skills. Dedicated 25+ hours a week year-round to training, travel, and matches while maintaining good grades in a rigorous engineering program.
- Named to the University Athletic Association's All-Academic Team and the Scholar All-Region team.

SENIOR DESIGN PROJECT, FIFTH FRAME BREWING CO.   *September 2018 –December 2018*
- Worked with Fifth Frame Brewing Co. to determine why the heaters in their hot water tank were failing.
- Developed a scaled down prototype of their hot water heating system and identified that scale build up on the heaters from water was causing the heaters to break down over time. We developed a simple cleaning method and schedule to extend the lifetime of the heaters.

TECHNICAL SKILLS

- JavaScript
- HTML5 and CSS
- Node
- React
- Express
- PostgreSQL
- Python
- Git