

# Zach Griebel

## Computational Data Science & Physics

---

### Zach Griebel

St. Paul, MN

651.276.9408

[zgriebel11@gmail.com](mailto:zgriebel11@gmail.com)

<https://zgriebel.github.io>

I am a graduate from Hamline University in St. Paul, Minnesota with a double major in Data Science and Physics. I have been working in software development and data analysis since 2021.

**Experienced** in R, Python and SQL

---

## Education

---

### Hamline University / Computational Data Science & Physics / 3.89 GPA

December 2023, St. Paul MN

**Member of Football Team**

**Football Captain**

Junior and Senior seasons

---

## Experience

---

### Fabcon / Material Engineer Intern

May 2023 - August 2023, Savage MN

- Head of research to reduce carbon emissions of company's main product. Designed experiments to collect and visualize data for actionable insights about the current market for the executive team.
- Created model to optimize the product design. Developed design that significantly reduces Carbon Emissions with cheaper, more available materials.

### Hamline University / Researcher

April 2021 - November 2023, St. Paul MN

- Lead medical research to replace an evaluation with an alternate, remote method. With team, designed prototype, collected data, and provided statistical analysis and modeling.
- First author of peer-reviewed research published in *Journal of Clinical Cases & Reports*, where our statistical analysis combated current literature. Model and prototype is statistically classified as "reliable" by the American Medical Association standards.

### RateFast Corp. / Quality Assurance Intern

January 2022 - May 2023, Remote

- Worked under the lead software developer testing the companies websites and applications. Wrote and tested design specifications and updates for developers.
- Collaborated with head of the marketing with front end development and website design. Ran the companies social media accounts.

### Hamline University / Physics Lab Grader

January 2023 - December 2023, St. Paul

- Worked with physics professors to design lab rubrics and grade lab notebooks.

### Hamline Elementary / Mentor & Tutor

November 2019 - March 2020, August 2023 -December 2023, St. Paul

- Tutored students individually and in groups. Student-Athlete Mentor for class with learning and behavior delays.
- Took students on tours of Hamline University to encourage their pursuit college with the Hamline "Hand-in-Hand" program.