

# MARC-ROBIN GRUENER

[gmarcrobin@outlook.de](mailto:gmarcrobin@outlook.de) | [linkedin.com/in/marc-robin-gruener](https://www.linkedin.com/in/marc-robin-gruener) | [marcgruener.com](https://marcgruener.com)  
+41 76 247 82 61 | St. Leonhard Strasse 69, 9000 St. Gallen

Proactive team member with a strong inclination for hands-on learning. Proven track record of successfully completing challenging projects and developing user-resonating products. Highly resourceful and driven by a genuine passion for tackling complex problems in the healthcare sector.

## Selected Professional Experience

**Calm Diabetes** – Exploring & Prototyping Diabetes Technology St. Gallen (CH)  
Since Jan 2023  
Creator

- Creating a web app to enable physicians and diabetes patients to refine individualized diabetes treatment effectively continuously by leveraging n=1 crossover trials.
- Developed an IoT food tracking system using RaspberryPi and OpenAI APIs to improve glycemic control.

**Centre for Digital Health Interventions CDHI** – HSG School of Medicine St. Gallen (CH)  
Since Dec 2023  
Graduate Research Assistant

- Leading multidisciplinary collaboration with the Ostschweizer Kinderspital, designing a digital biomarker study and developing the data analytics system to explore T1D's peripheral nervous system impact.
- Project lead and primary author of the [Garmin+Fitrockr Research Grant](#)-winning proposal for the VOGUE pilot study to enhance the effectiveness of digital health interventions throughout the menstrual cycle.

Student Research Assistant Aug 2022 - Nov 2023

- Conducted Master's thesis using statistical methods, including mixed linear effect models, to evaluate the Beta Bionics iLet Bionic Pancreas, focusing on treatment satisfaction and medical outcomes.
- Initiated and led the development of [ALFRED](#), an essential tool for researchers to identify suitable wearables, earning support from [The Quantified Scientist](#) (>238k subscriber YouTuber).
- First author and presenter of workshop paper on [business models for T1D digital health companies](#) at BIOSTEC Scale-IT-up 2023.
- Conducted experiments and hosted AI workshops for graduate and professional education.

**Biddit.app** – Semester & Study Program Planning Tool St. Gallen (CH)  
Since Jul 2021  
Co-Founder

- Conceptualized, developed, and scaled a responsive web app (mobile and desktop) which became the standard semester planning tool at the University of St. Gallen (>254k sessions lasting on avg. 7m 32s).
- [Negotiated and completed the sale of Biddit.app to the student union](#) and successfully [implemented follow-up projects](#) which increased MAU by +324% while managing diverse stakeholders.

## Technical Skills and Experience

<b>Programming Languages:</b>	Python, JavaScript, Java, SQL (SQLite, PostgreSQL)
<b>Frontend &amp; Frameworks:</b>	HTML, Tailwind CSS, Recoil.js, React.js, Next.js, Streamlit
<b>Backend &amp; Deployment</b>	Django, Django Rest Framework, Heroku, Digital Ocean, Netlify, Git
<b>Data &amp; ML:</b>	Pandas, Numpy, Plotly, NetworkX, Scikit, XGBoost, OpenAI API
<b>Hardware:</b>	Raspberry Pi, Google Coral, analog sensors, wearables

## Education

### M.A. Business Innovation Candidate

Sep 2020 – Nov 2023

University of St. Gallen HSG (CH)

Current Grade: 5.5

- Focusing on Human-Computer Interaction, Software Engineering (Agile/Scrum), and Data Science.
- Board member, project group leader, and member of the TechClub.
- Created ML software solution for IBM lab to analyze millions of server temperatures to detect anomalies.
- Prepared and managed a joint NLP project group with IBM to detect personal identifiable information in logs using IBM Watson for 17 students and presented the results to >230 international IBM employees.
- Hosted workshop on how to deploy AI web apps using Streamlit for 8 HSG students.

### B.Sc. International Industrial Management

Oct 2015 – Feb 2020

University of Applied Sciences Esslingen (GER)

Grade: 5.6 (Top 10%)

- Focusing on Mechanical Engineering and Entrepreneurship.
- Recipient of multiple competitive national and state scholarships.
- Selected as one of three students to be the first to receive a dual degree with Gannon University.

### B.Sc. Business Administration

Jan 2018 – Feb 2020

Gannon University (USA)

Grade: 5.9 with Honors

- Recipient of the Gannon Research and Writing Award.

## Selected Projects

- Participated in START HACK 2021 and 2022 to work on the Helsana and SWITCH.EDU challenges.
- Launched a [platform](#) for students and young professionals to discover hackathons (inactive).
- Leveraged web scraping and network graphs to analyze the German startup financing ecosystem.

## Languages

**German:** Native

**English:** Bilingual Proficiency

**French:** Basic Proficiency

## Extracurricular Accomplishments

- 1x Baseball Swiss Champion 1. Liga (2022).
- 2x Baseball German Champion (2010 & 2012), 1x Baseball Länderpokal Champion representing Baden-Württemberg (2010).

**Additional References:** upon request