

Résumé

Max Troeger

max@maxbtroeger.com — <https://maxbtroeger.com>

My name's Max and I'm an economics master's student at the Rensselaer Polytechnic Institute. I teach intermediate sailing and kayaking in my free time and go hiking, bouldering, and exploring with my friends.

EDUCATION

M.S. in Economics (GPA 4.00)

Jan. 2024 – May 2025

Rensselaer Polytechnic Institute

Troy, NY

- President of the [Orthodox Christian Fellowship](#) of Albany.
- Focus on econometrics and mathematical models.

B.S. in Mathematics (GPA 3.67)

Sep. 2020 – May 2024

Rensselaer Polytechnic Institute

Troy, NY

- Concentration in economics and applied mathematics.
- Recipient of the [Rensselaer Medal](#).

NOTABLE PROJECTS

- “[Recreational Preferences in Boating](#)” in Applied Microeconomics and Public Policy (ECON-6010, Fall 2024)
- “[Market Factors Affecting Housing Prices](#)” in Data Analysis in Economics and Finance (ECON-6030, Fall 2024)
- “[Comparative Analysis of Credit Approval Forecasting Models](#)” in Econometric Methods for Big Data (ECON-6280, Fall 2024)
- “[The Ozempic Effect: A Weighty Shift in Global Health Markets](#)” in Economics of Biotech and Medical Innovations (ECON-6290, Fall 2024)

RELEVANT SKILLS

- Extensive knowledge of and experience with the [GNU/Linux](#) and [OpenBSD](#) operating systems.
- [C](#), [Python](#), [POSIX Shell](#), and [Java](#).
- [GNU Octave](#), [MATLAB](#), [Jupyter Notebook](#) and [R](#).
- [SSH](#), [Rsync](#), and [Git](#) to serve [NGINX](#)/[OpenHTTPd](#)-powered websites with [Perl](#) and [PHP](#).
- Email servers with [Dovecot](#), [Postfix](#), [Postgresql](#), &c.
- Point-of-sale systems for handling payments through [Stripe's Python API](#).

CERTIFICATIONS

- Red Cross First Aid, AED, & CPR (2016–Present)
- [American Canoe Association](#) Level 1 Kayaking Instructor (2023–Present)
- [U.S. Sailing](#) Level 1 Small Craft Sailing Instructor (2023–Present)
- [SafeSport](#) and [NASBLA](#) Boating Safety (2023–Present)

WORK EXPERIENCE

Assistant Manager

Aug. 2021 – Oct. 2024

Boating In Boston

40 hours a week in-season, on-call off-season

- Worked with the General and Operations Managers to coordinate projects, expenditures, and season opening/closing.
- Towed, repaired, power washed, and wrapped boats of various sizes; winterized boathouses, docks, and mooring fields.
- Scheduled and managed staff, forecasted expenditures, and wrote software to verify daily sales.
- Enhanced emergency radio communication range, established internet connectivity at remote sites, systematized weather data collection, and installed video security systems.

Shift Supervisor, Dockstaff, & Camp Counselor

June 2018 – Aug. 2021

Boating In Boston

40 hours a week in-season

- Taught campers ages 8–14 paddling and sailing techniques according to their skill levels.
- Gained valuable skills in leadership, patience, and risk-assessment through life guard, kayaking instructor, and sailing instructor certification.
- Worked with camp directors and site supervisors to provide an enjoyable, educational, and safe experience for campers and park guests.