# Matan Kotler-Berkowitz

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## EDUCATION

**University of Rochester**                                                    Expected May 2025
- Selected coursework: Data Structures & Algorithms, Discrete Mathematics

**Gann Academy**                                                              May 2020
- 3.97 Unweighted / 4.21 Weighted GPA
- Selected coursework: Functional Programming & Computer Organization, Artificial Intelligence & Compilers

## EXPERIENCE

**Red Hat** - *Software Engineering Intern*                      SUMMER 2020 & SUMMER 2021
- Developed key features for ChRIS, a medical technology application, and Mass Open Cloud, a public cloud computing platform, in collaboration with a team of researchers, developers, and designers.

**Citizens for Juvenile Justice** - *Policy and Research Intern*           JANUARY-MAY 2021
- Conducted research, data analysis and visualization, and policy writing on juvenile justice and other youth-focused issues.

**Anti-Defamation League** - *Advocacy and Research Intern*        SEPTEMBER-DECEMBER 2020
- Worked on a wide variety of tasks and projects, including legislative advocacy on issues around police reform and digital harassment; anti-bias and anti-bullying education; legal, policy, and other research; and communications.

**Code for Boston** - *Volunteer Software Engineer*                    SUMMER & FALL 2020
- Worked with a team of volunteers to contribute new features and bug fixes to the Social Security Benefit Calculator, a civic technology project backed by Congressman Seth Moulton.

**JCDS Boston** - *Web App Developer, Volunteer Educator*    2017-2018; WINTER OF 2019 & 2020
- Created a custom web platform to help transfer students transition to the school, working with students, teachers and administrators
- Designed and co-taught elective programming course for middle school students.

**Family Law Software** - *Freelance Web Development & Email Marketing*            2017-2018
- Designed and developed modern, responsive redesign of public-facing website with dozens of pages; integrated with legacy backend; Created email marketing campaign
- Created email marketing campaign of twenty emails; wrote marketing text, designed email layout, and managed database of email addresses.

## PROJECTS

**MyGann+** - A browser extension which adds a large series of enhancements, new features, and fixes to the Learning Management System used at Gann Academy; used by over 90% of students.

## TECHNICAL SKILLS

HTML, CSS, JavaScript, TypeScript, ReactJS, React Native, NodeJS, Java, Git