

# Graham Robert Eger

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## Education

### University of Michigan – Ann Arbor

*Ann Arbor, MI*

- B.S. in Computer Science, May 2019
- Significant Coursework: Web Systems, Operating Systems Engineering, Computer Networking, Finance, Computer Security, Data Structures and Algorithms
- Michigan Sailing Team – Competed in 2 Collegiate National Championships. Director of Travel.
- Delta Tau Delta Fraternity – Chapter President
- University of Michigan Club Sports Executive Board – VP Public Relations

## Experience

### Supernova Technology

*Chicago, IL*

Solutions Architect - Software Engineer

September 2023-Present

- Tech lead for client programs with Fortune 100 Banks. Led rigorous technical discovery sessions with enterprise clients to capture and interpret their specific requirements and wider infrastructure challenges, enabling the provision of bespoke securities-based lending solutions.
- Designed and built scalable full stack systems and integrations with data providers, accounting systems, and strategic partners. Assured seamless integration with client goals and operational processes.

### Regatta Pages

[RegattaPages.com](http://RegattaPages.com)

Solo Founder

January 2022-Present

- Build out of next generation software for fully integrated scoring, event, and social media management for sailboat racing events of every size.
  - o MVP using a Postgres, TypeScript, SvelteKit, Node stack..
- Stakeholdership and advisement from America's Cup winning sailors, Fortune 500 business executives, and small business experts. Verbal agreements with a number of the most active Racing clubs in the country.

### Newance Consulting

*Remote*

Engineering Consultant - Part-time

First Half 2021

- Built and presented "Tech for Tech Recruiters" presentation to a panel of technical recruiting firms and recruiting teams across multiple industries.
- Consulted with the recruitment team to support candidate selection, interview assistance, and industry knowledge.
- Performed technical interviews as well as general technical consulting tasks focused on decreasing friction within internal processes.

### Capital One Financial

*Chicago, IL*

Senior Associate Software Engineer - Acquisitions

August 2019-January 2021

- Engaged in design build-out and launch of a full-stack platform using Go, NodeJS, and React to build analytics and tracking platforms for GitHub Enterprise pull requests using patented techniques.
  - o "Methods and systems for monitoring contributors to software platform development.". Named inventor on US Patent #[11372642B2](https://patents.google.com/patent/US11372642B2) filed 08/2020, issued 06/2022.
- Built, launched, and maintained real-time correspondence stack using Java SpringBoot and PostgreSQL for delivering regulatory notices to end-users.
- Promoted to Senior Engineer in July 2020. Left to pursue maritime opportunities in January 2021.

### Quicken Loans

*Detroit, MI*

Software Engineering Intern – Mortgage Servicing

Summer 2018

- Designed a front-end application in AngularJS and TypeScript for end users to manage their work for a given day.
- Developed a Servicing Prioritization API using .NET Core to prioritize and deliver action items to end users. Improving servicing efficiency by over 50%.
- Gathered servicing performance data leading to new insights used to improve workflow efficiency.
- Transitioned web-app from Angular 5 to Angular 6, and ASP.NET to .NET Core. Reducing LOC by 15%.
- Developed suite of tests and CI/CD for .NET Core app, moving test coverage from 60-100%.

### MSX International

*Detroit, MI*

System Administrator – North America

Summer 2017

- In a client-facing role, administered Windows and Linux systems, focusing on the hardware, software and server infrastructure running both Windows and Linux environments for MSX International's entire North American market.
- Oversaw conversion from legacy network switches to Cisco SDN, deployment of site-to-site VPNs using L2TP.
- Engineered and tested worldwide ransomware incident response business process by leading training sessions.
- Developed and administered a custom honeypot based anti-phishing framework to actively train end-users on scam-mail.

Junior System Administrator – North America

Summer 2016

- Assisted the Global Technology Services team on a variety of technology projects.
- Provided custom system setup and on-call VIP desk-side support for C-level executives.
- Created and maintained virtual environments for critical business applications running in the cloud and on premises.