

Graham Robert Eger

Software Engineer

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Education

University of Michigan – Ann Arbor

Ann Arbor, MI

- B.S. in Computer Science, May 2019 - [C++ Portfolio](#)
- 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

September 2023-Present

- Lead 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.
- Design scalable system architectures and integration strategies, assuring seamless integration with client goals and operational processes.

Regatta Pages

[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.

S/V Exile

Lake Michigan

Engineering Consultant - Sailing Data Analyst

February 2021-Present

- Designed and installed combined NMEA and IP network using custom Linux system, commodity E-ink display systems onboard high-performance 29-foot sailboat with external cellular, wifi, and GPS hardware, and weather resistant PoE to displays and sensors allowing *unparalleled* data visibility and navigation abilities on deck for a boat this size.
- Managed logistics of onshore and offshore yacht management. Including but not limited to, navigation and relocation of assets, towing trailers, rigging and derigging vessels, all-level maintenance of electronics, rigging, and structures.
- Finished on the podium in all but one regatta during the 2021 season. Awarded Top Performance at Chicago Yacht Club Verve Cup.

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](#) 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.