

Graham Eger

Software Engineer

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Education

University of Michigan – Ann Arbor

Ann Arbor, MI

B.S. Computer Science – 3.0 GPA

May 2019

Experience

MSX International

Detroit, MI

System Administrator – North America

April – August 2017

- Administered Windows and Linux systems in a team of four; focusing on the hardware, software and server infrastructure for MSX International's entire North American market.
- Furthered technical, analytical, problem-solving skills, and task prioritization.
- Engineered and tested worldwide ransomware incident response business process.

Junior System Administrator – North America

April – August 2016

- Created and maintained virtual Windows and Linux environments for critical business applications.
- Developed a Python web application to be run on thin clients to display business, market, and industry new specific to the market which the display is located.
- Provided custom system setup and VIP desk-side support for C-level executives.

Technical Skills

Languages

- Proficiencies: C++; C; Python
- Experience with: Swift; SQL; Matlab; R; HTML/CSS/JS; ARM assembly

Technologies

- Linux; Mac OS; Flask; Angular; iOS; Amazon Web Services; Microsoft Excel

Advanced Computer Science Coursework

- 281: Data Structures & Algorithms, 376: Theory of Computation, 370: Computer Organization, 388: Computer Security, 482: Operating Systems.

Extracurricular Activities

Delta Tau Delta Fraternity

2015-Present

- President – Led a chapter of 100+ men, recruited our two largest recruiting classes of all time, managed a budget of over \$100,000.
- Director of Risk Management – Developed and implemented a new risk management program addressing concerns related to building maintenance, safety, fire, and member health.

University of Michigan Sailing Team

2017-Present

- University Liaison and Travel Director – Team representative for all University matters. Responsible for arranging travel and housing nationwide for 20+ events per semester.

Projects

Better Scheduler

2016

- A replacement for the University of Michigan's course guide written in Python and Flask.

Piazza Classifier

2016

- A machine learning program used to detect the category of a class forum post. Based on a Bayes' Classifier. Implemented in C++.

SillyQL

2017

- A ground-up implementation of a relational database with SQL-like syntax. Implemented in C++ with data structures and algorithms written to be compatible with the STL.