MAX MEINHOLD

EDUCATION

Rochester Institute of Technology
Computer Science B.S.
📅 2017 – 2021

EXPERIENCE

Asexual Community Census
Data Analyst
📅 August 2017 – Current

Assist in processing and analysis, survey design, and report creation for the annual Asexual Community Survey.

Classroom Technology Support
AV Technician
📅 January 2019 – Current   📍 Rochester Institute of Technology

Conduct installation, configuration, maintenance, and repair of classroom and auditorium AV systems.

AV Responder
📅 January 2018 – Current   📍 Rochester Institute of Technology

Handle customer support for RIT classroom and auditorium AV systems, including general maintenance and immediate issue resolution

Emergent Space Technologies
Software Intern
📅 June 2016 – August 2016   📍 NASA Goddard Spaceflight Center

Built a GPS solution in MATLAB from the ground up. Analyzed GPS distortion as a factor of ISS structure for the NASA GEDI project.

PROJECTS

Database Execution and Deletion Administrative Self Service
 https://github.com/ComputerScienceHouse/DEaDASS

Created a system to allow automatic database management for multiple database servers of various types via a REST API in Java with Spring.

Quotefault Slack Bot
 https://github.com/mxmeinhold/csh-quotefault-bot

Developed an API to handle a Slack command for Computer Science House's (CSH) Slack workspace. Allows interacting with CSH service Quotefault from within Slack via the Quotefault API. Built in Python using Flask.

ThemeSwitcher
 https://github.com/mxmeinhold/CSHThemeSwitcher

Built a service for saving a user's Bootstrap theme preference and applying it to internal CSH services. Built using AngularJS and Bootstrap for front end and NodeJS Express for routing.

Seeking Summer 2019 Co-op

@ mxmeinhold@gmail.com   📞 (410) 991-5479
 mxmeinhold

SKILLS

Languages

Java   Python   C   LaTeX   SQL   MATLAB   JavaScript

Tools

Bash   Linux   Git   Flask   NodeJS   Express

ACTIVITIES

Computer Science House
Member
📅 September 2017 – Current

A university community of computing centred people focused on technical and social development of its members.

Systems Administrator
📅 January 2019 – Current

Responsible for monitoring and maintaining CSH's server room and services.

FRC® Team 1111
Member
📅 2014 – 2017

Worked in programming, electrical, graphics, photo, video, and pit crew.

VOLUNTEER WORK

Central Middle School Tutoring
📅 September 2013 – May 2017

Tutored middle school students in various subjects, primarily maths and sciences.

FIRST® Robotics
Finger Lakes Regional
📅 March 2018

Helped to set up and staff a 3 day FIRST Robotics Competition regional.

FIRST Chesapeake Central Maryland District Qualifier Event
📅 March 2016-2017 (Annual)

Helped to organize, staff, and run a two day robotics competition for 40 teams.

South County Showdown
📅 December 2013-2016 (Annual)

Assisted in hosting and staffing a FIRST LEGO® League Qualifier and Junior FIRST LEGO League expo for inspiring in children an interest in STEM.