MAX MEINHOLD

EDUCATION

Rochester Institute of Technology Computer Science B.S.

2017 - 2021

EXPERIENCE

Syncurity

API Integrations Intern

May 2019 - August 2019

Remote

Automated the enumeration and wrapping of APIs and SDKs via Python. Integrated various tools into a central platform by developing StackStorm packs.

Emergent Space Technologies

Software Intern

Harmonia 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 the International Space Station's structure for NASA's Global Ecosystems Dynamics Investigation LIDAR project.

Classroom Technology Support

AV Technician

🛗 January 2019 - Current

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

AV Responder

Hanuary 2018 - Current

♀ Rochester Institute of Technology

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

PROJECTS

External Accounts Connector

O https://github.com/ComputerScienceHouse/eac

Built a broker in Python using Flask that allows Computer Science House members to associate their LDAP account with various third-party OAuth 2.0 identities and automate related management actions.

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

Created a self-service application to allow users to automatically provision and manage both SQL and NoSQL databases. Provides a RESTful API using Java with Spring Boot.

Quotefault Slack Bot

O https://github.com/mxmeinhold/csh-quotefault-bot

Developed a Slack bot for Quotefault, a member quote database for Computer Science House. Allows interacting with the service via its associated REST API and utilizes natural language processing techniques to create new views into the data.

ThemeSwitcher

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

Implemented a solution for storing and applying a global stylesheet preference for each user across various internal microservices. Built using AngularJS and Node.js with Express.

Seeking Spring 2020 Co-op

@ mxmeinhold@gmail.com

410) 991-5479

SKILLS

Languages

Java Python C LTEX 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

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.

CERTIFICATIONS

Wilderness First Aid

SOLO Wilderness Medicine

Walid through September 1, 2019

VOLUNTEER WORK

FIRST® Robotics

Finger Lakes Regional

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

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