

# MAX MEINHOLD

## EDUCATION

Rochester Institute of Technology

**Computer Science B.S.**

📅 2017 - 2021

## EXPERIENCE

Data Analyst

**Asexual Community Census**

📅 August 2017 - Current

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

AV Responder

**Classroom Technology Support**

📅 January 2018 - Current

📍 Rochester Institute of Technology

Handle customer support for RIT classroom and auditorium AV systems. In addition, provide immediate response and issue resolution for classroom technology.

Intern

**Emergent Space Technologies**

📅 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

Quotefault Slack Bot

<https://github.com/mxmeinhold/csh-quotefault-bot>

📅 Summer 2018

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>

📅 Spring 2018

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.

Scouting Scheduler

<https://github.com/mxmeinhold/ScoutingScheduler>

📅 Spring 2016, Spring 2017

A small application built for my robotics team to organize match scouting. Written in Java with a Swing GUI.

## Seeking Spring-Summer 2019 Co-op

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🌐 mxmeinhold

## TOOLS

**Proficient**

Java Python Git C

**Practiced**

LaTeX Javascript Adobe Illustrator Bash

**Familiar**

MATLAB C++ Adobe Photoshop Cura  
Makerbot Replicator 2 Autodesk Inventor

## ACTIVITIES

Computer Science House

**Member**

📅 2017 - Current

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

**FRC® Team 1111**

**Member**

📅 2014 - 2017

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

## VOLUNTEER WORK

Finger Lakes Regional

**Various Roles**

📅 March 2018

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

Central Middle School Tutoring

**Tutor**

📅 September 2013 - May 2017

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

**FIRST Chesapeake Central Maryland District Qualifier Event**

**Various Roles**

📅 March 2016, 2017 (Annual)

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

South County Showdown

**Various Roles**

📅 December 2013, 2014, 2015, 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.