# Samuel Mei

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## Education

**Rensselaer Polytechnic Institute**                                                                  Troy, NY
**Bachelor of Science in Computer Science; GPA: 3.53**                         **Expected: May 2023**

## Relevant Coursework

▶ Data Structures, Foundations of Computer Science, Introduction to Algorithms, Principles of Software

▶ Computer Organization, Operating Systems, Software Design and Documentation

## Projects

▶ **Yet Another Course Scheduler**                                                              YACS.cs.rpi.edu
*Developer*                                                                                       *Fall 2021 - Present*
  ○ Open-Source Course Scheduler for RPI written in Vue and Python used by over 500+ students
  ○ Resolved critical issue involving service workers that hindered production.
  ○ Redesigned Admin Panel for enhanced UI/UX
  ○ Collaborated in a team of 8 students utilizing Agile Methodology

▶ **OpenCircuits**                                                                               OpenCircuits.io
*Developer*                                                                               *Spring 2021 - Summer 2021*
  ○ Open-Source Digital Circuit/Logic Designer written in Typescript, React and Go-Lang used in the Computer Organization course at RPI consisting of 200+ students
  ○ Responsible for software maintenance across the code base
  ○ Collaborated in numerous teams of around 10 people utilizing Waterfall Methodology
  ○ Redesigned interface for improved mobile experience
  ○ Oversaw the production and implementation of the "Undo" and "Redo" functionalities within the app

▶ **HASSPathways**                                                                      HASSPathways.netlify.app/
*Project Lead*                                                                                        *Summer 2021*
  ○ Course Scheduler for RPI's Integrated Pathways written in Vue and Python
  ○ Led a team of 5 members utilizing Agile Methodology
  ○ Refactored and enforced code structure for future developers

▶ **Pomall**                                                                                        Pomall.xyz
*Developer*                                                                                          *Spring 2021*
  ○ Designed and built a Pomodoro Timer with React.js to aid in time management
  ○ Utilized the Youtube API to integrate a music player within the website

## Work Experience

▶ **Rensselaer Polytechnic Institute**                                                               Troy, NY
*Front Desk Attendant*                                                                               *Summer 2021*
  ○ Troubleshooted 10+ client's issues through the phone per day
  ○ Attended to necessary clerical duties such as data entry.

## Programming Skills

▶ Languages: JavaScript, TypeScript, LaTeX, Python, C++

▶ Tools: Node.js, React.js, Vue.js, HTML & CSS, Git, Excel, Agile, Waterfall