

Adam Gilbert

30 Ardmore Ave, Box 325, Ardmore PA 19003

(484) 393-2326

adamg@djelectro.me

i-am.djelectro.me

Education

B.S/M.S Software Engineering, Rochester Institute of Technology,
expected graduation 2028

Harriton High School, class of 2023 (International Baccalaureate)

Activities

2023-PRESENT

Vice President/RIT NextHop

NextHop is RIT's club dedicated to computer networking and system administration. My role as vice president includes planning meetings as well as overseeing the construction of our new network and server lab infrastructure, within RIT's Golisano building.

2023-PRESENT

Events Coordinator/RIT Society of Software Engineers

In charge of planning all events for the SSE, including events for the public, members, and officers.

Experience

2023-PRESENT

Engineering Assistant/Broadcast Hockey Engineer/RIT University Production Services

Work with chief engineers to design, build, and operate video equipment for any event on campus that requires video services. Additionally responsible for operating and providing support for broadcast and in-house video during at-home ice hockey games.

SUMMER 2023

IT and Inventory Intern/Lavner Education

Responsible for the creation and implementation of an inventory system to track 3,000 laptops, 3D printers, tablets, and other technology items.

Created a computer cloning system capable of imaging 40 computers every 10 minutes.

Will be working throughout 2023-2024 to create a public Minecraft server for Lavner campers.

2018-PRESENT

Founder and President/Endless Group+Raisable

Endless Group is a nonprofit organization that provides website hosting and design services for individuals, organizations, and charities. I am responsible for the set up and ongoing configuration of server and network operations, and other datacenter equipment. I am also responsible for the operation of our AS, AS400283. I work with Cisco, Mikrotik, and Dell servers and network devices. I administrate multiple networks including a public and private “management” network. I manage Virtual Machines and Cloud Containers both for our own services as well as on behalf of our clients. I also manage client outreach and am in charge of our public helpdesk. Also responsible for managing the KVM infrastructure, Apache and Nginx web servers, as well as MySQL/MariaDB and Redis databases. Also responsible for managing all mail infrastructure including Exim-based client mail servers, as well as Postal mass-mailing servers.

Raisable is a fundraising platform created in-house within Endless Group. Originally called ClapRaise, Raisable is a new way for organizations to control the way they raise money and to make the most of the fundraising abilities of their members.

Skills

Excellent leader and collaborator • Creative problem solver • Extensive skills with Linux, Cisco routers, and Mikrotik network equipment • Proficient in 7 programming languages

Additional Coding Projects

- Raisable – Online fundraising platform
 - PyChat – Browser-based, simple to use chat platform, including an Android and iOS app
 - PyPomf – POMF-compatible file sharing site
 - TSANotifier – System to notify TSA members when event results are posted
 - EHNetwork/FireSMP – Minecraft server with custom plugins
 - AS-Utilities – Android app for viewing information about networks
 - Numerous other public **and private** projects, some of which can be found on my [GitHub](#) profile
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