Anton McClure

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Free software & open-source seasoned university graduate seeks system administration career opportunities, with several years of experience, and a special interest in both cloud/data center and on-premise computing.

1 Skills

Programming languages: C, VB.Net, C++.

Scripting languages: Perl, PHP, SH, CSH, KSH, BASH, JavaScript, QML, Python, PowerShell.

Web servers: Apache (2.2 and 2.4), NGINX, Internet Information Services (IIS), lighttpd, LightSpeed Web Server, thttpd, Abyss Web Server, httpi.

E-Mail servers: Sendmail, Exim 4, Courier, Postfix, Dovecot, Microsoft Exchange, Microsoft 365, Axigen, hMailServer.

DNS servers: ISC BIND 9 (NAMED).

Web development (coded): HTML/HTML5, XHTML/XHTML5, Server-Side Includes, CSS/CSS3, CGI, Custom CMS software.

Web development (other): SEO, Google Analytics, Microsoft Clarity, Oracle AddThis.

Document typesetting: SGML, XML, LaTeX.

Databases: MySQL/MariaDB, SQLite, PostgreSQL, MongoDB, Microsoft SQL, Microsoft Access.

Microsoft Windows: System administration and support skills for Windows servers and clients.

GNU/Linux & UNIX: System administration and support skills with GNU/Linux (Debian, RHEL, Oracle Linux, Trisquel GNU/Linux), FreeBSD, NetBSD, OpenBSD, and Sun/Oracle Solaris (including OpenSolaris, OmniOS CE, & OpenIndiana).

Platforms & services: Oracle PeopleSoft, Microsoft Azure, Microsoft Intune/Endpoint/Entra, Microsoft 365 Security, University of Akron's UAnet Services (Auth).

Software & tools: Microsoft Visual Studio, CVS, RCS, Git, Make, Microsoft 365, GNU GCC, Clang, OpenLDAP.

Hardware: Repairing and replacing hardware, cleaning devices, maintaining RAID arrays, and re-imaging servers, clients, and other devices.

2 Work

Student Assistant, College of Business, University of Akron (August 2024-Present)

https://www.uakron.edu/cba/

- A student assistant at the University of Akron's College of Business.
- Managed the college's computer labs.
- Assisted in developing games for students at the Taylor Institute of Direct Marketing in their down time.
- Managed digital signage devices and software maintenance/updates throughout the College of Business building.

Lead Maintainer, GNU, FSF (February 2024-Present)
`https://www.gnu.org/software/gnutrition/`

- The Lead Maintainer of GNUtrition.
- Rewrote the program to bring GNUtrition to more people, remove the Python 2 and built-in GTK dependencies, and make the overall software more useful to more people.
- Wrote comprehensive documentation utilizing the GNU documentation standards.

Student Assistant, Information Technology Services, University of Akron (January 2023-May 2024)
`https://www.uakron.edu/its/`

- A student assistant at the University of Akron's Information Technology Service Desk (ITSD). Started as an intern.
- Performed phone and remote technical support, computer repair, customer service, and other duties as assigned.

3 Projects

NEXT.GEN.OH.US (GNU/Linux shell server) (2014-Present)
`https://w3.next.gen.oh.us/`

- A private shell account, web, and file server.
- Initially started in 2014 using a laptop as a server, and briefly home hosted in 2024, it has since moved to real server hardware in a data center to help improve its reliability and stability for its users.

4 Education

College of Engineering and Polymer Science, University of Akron (May 2023-Present)
`https://www.uakron.edu/computer/cis/`

- A Bachelor's of Science in Computer Information Systems for the programming degree option.
- Currently attending for this degree.

College of Engineering and Polymer Science, University of Akron (Jan 2019-May 2023)
`https://www.uakron.edu/computer/cis/`

- An Associate of Applied Business degree in Computer Information Systems for the programming degree option.
- Graduated with degree in May of 2023.

Buchtel College of Arts and Sciences, University of Akron (Jan 2018-Jan 2019)
`https://www.uakron.edu/computer/cs/`

- A Bachelor's of Science in Computer Science for the systems degree option.
- Transferred to associate degree for Computer Information Systems in December of 2018.

Links to latest version may be found on-line at `https://w3.next.gen.oh.us/~asm/vita.ps`.

Last updated on September 6, 2025.