

Anton McClure

Location: Akron, OH, US

E-Mail addresses: anton@next.gen.oh.us, asm@gnu.org

Web site: <http://www.next.gen.oh.us/~anton/>

Open source seasoned university graduate seeks system administration career opportunities, with several years of experience, and a special interest in both cloud-based and on-premise computing.

Skills

Programming languages: Perl, PHP, VB.Net, JavaScript, C, C++, Qt 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: Exim 4, Courier, Sendmail, Postfix, Dovecot, Microsoft Exchange365, Axigen, hMailServer.

DNS servers: ISC BIND 9 (NAMED).

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

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

Document typesetting: SGML, XML, LaTeX.

Databases: MySQL/MariaDB, SQLite, 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, FreeBSD, and Sun/Oracle Solaris (including OpenSolaris & 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.

Work

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

<http://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.

Lead Maintainer, GNU, FSF (February 2024-Present)

<http://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)
<http://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.

Projects

Next (2014-Present)

<http://www.next.gen.oh.us/> & <http://nt.next.gen.oh.us/>

- A group of computing services initially started in 2014 on a home server.
- Services provided includes a shell server, email server, authoritative DNS name servers, a certificate authority, web server and web application hosting, among others.
- Main system runs the FreeBSD Operating System. A secondary machine runs Microsoft Windows Server.

Computing Services (2025-Present)

<http://cs.next.gen.oh.us/>

- Network service infrastructure machines for DNS resolvers.
- Machines are located in Virginia and Oregon for affordable and reliable US service coverage.

Certifications

March 2023 Dell Client Foundations 2021

Education

College of Engineering and Polymer Science, University of Akron (May 2023-Present)

<http://www.uakron.edu/>

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

College of Engineering and Polymer Science, University of Akron (Jan 2019-May 2023)

<http://www.uakron.edu/>

- 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)

<http://www.uakron.edu/>

- 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 at <http://www.next.gen.oh.us/~anton/professional/#vita>.

Last updated on March 8, 2025.