

DAVID FAILOR

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Websites

LinkedIn: <https://www.linkedin.com/in/david-failor2468/> (general)

GitHub: <https://github.com/dkfailor/> (programming)

Professional IT: <https://davidfailor.com> (information security)

Professional Summary

I want to work in a challenging and multi-faceted position where I can use my skills to help support others. I am proficient in multitasking and deliver outcomes on time. I work well with parallel assignments and I believe that every problem has a viable solution or workaround. I can find solutions even when they are obscure. I am proactive and efficient and a fair and equitable manager. I work well independently but I am also an excellent team player. I enjoy learning new things.

Accomplishments

- Developed and implemented new cancer testing methods and software.
- Independently created a company-wide customer advocacy and complaint resolution system.
- Statistical comparison of two glucose testing system and then trained the medical staff.
- Trained and managed employees in the plastics and medical industries.
- Implemented a recycling program for an industrial waste stream.
- Published two books on Information Security.

Skills

Cybersecurity:

- Information and Network Security
- SIEMs and Playbooks
- Pen Test tools

Teaching:

- Engaging instruction in Information and Network Security, Programming, Mathematics, Microsoft Office, Operating Systems, Business Marketing and Accounting via Canvas and Blackboard LMS systems
- Enhanced student comprehension by employing diverse teaching methods and incorporating multimedia resources.
- Boosted class participation rates by fostering a positive and collaborative learning environment.
- Strengthened critical thinking skills in students through the incorporation of problem-based learning activities.
- Increased student retention by providing individualized support and tailored feedback on assignments.

Computer Programming:

- Python
- C++
- JavaScript
- Java
- Node.js
- some PHP, Assembly, COBOL, QBASIC, and FORTRAN
- Scripting Languages including bash and PowerShell.

Operating Systems:

- Linux - Administration, maintenance, and daily use. Ubuntu, Debian, Kali, Fedora, Porteus, DSL. Equally proficient with the CLI and GUI interfaces.
- Windows - all versions from 3.11 through Win10 Pro
- Android - Android SDK, ADB, App Development, Data Recovery, Root Access
- DOS

Management and Customer Service:

- Management experience in Social Services, Medical Lab, Banking

Additional Skills:

- Engine mechanics, construction, landscaping, electronics

Work History

University Professor Current (since 1998)

Penn State University, Community College of Beaver County, Kent State University – Monaca, PA and East Liverpool, OH

- Adjunct faculty in Information Security, Computer Systems, Programming, and Business

Customer Service Representative/Management 23 years

BVPV Styrenics, LLC And NOVA Chemicals – Monaca, PA

- Multiple roles including Inside Sales, Customer Service, ISO Procedure Development, Management and Training of new hires, International Logistics, Purchasing, Finance, and Offgrade Broker Management.

Medical Laboratory Supervisor and Cancer Research 10 years

UPMC And AGH Hospitals – Pittsburgh, PA And Aliquippa, PA

- Managed and trained 40 people in 5 departments.
- QC and QA manager.

Education

MBA: Business Management

Robert Morris University - Pittsburgh, PA, 1998

Self Study: Information Systems, Programming, Linux, and Cybersecurity.

Multiple Sources - Aliquippa, PA. Ongoing--more than 10 years.

Online and written content. Sources include Open Courseware from MIT, Harvard, and Stanford University; Certificate programs from Coursera, Udemy, and Google; boot camps (CCNA); Industry professional videos and podcasts in Cybersecurity; Certification Studies from CompTIA; other professional sources.

B.S.: Biology (premed)

University of Pittsburgh - Pittsburgh, PA, 1983

Minor equivalents in Chemistry, Mathematics, Physics, and French.

Certifications and Certificates

Certifications in CompTIA A+, Security+, Network+

Certificates in Cloud Computing (Google Cloud and AWS), Python, Cybersecurity, Linux, Splunk

Hands On Projects in JavaScript, Node.js, Docker Containers, Virtual Machines, Pen Testing, Android Apps

Languages

English (Native)

French and **Spanish** (Working Knowledge)