Benjamin Scott

[http://www.dragonhawk.org/](https://www.dragonhawk.org/)

[resume@dragonhawk.org](mailto:resume@dragonhawk.org)

# Summary

IT generalist with an extremely broad range of experience, a passion for building the right technology solutions, and also capable of writing code and/or documentation.

# Technical Knowledge

Highlights: MS Win 3.x-10, Linux, Red Hat, Debian, Sendmail, Postfix, Samba, Apache, BIND named, IPTables, OpenVPN, Active Directory, Group Policy, RDP, Exchange, Hyper-V, VMware, C/C++, Bash shell, Perl, PowerShell, Java, SQL, Python, VoIP, VLAN, IPsec, DHCP, DNS, SSL, X.509, SMTP, POP, IMAP, HTTP, HTML, CSS, Wireshark, Fortinet

See [http://www.dragonhawk.org/resume/things/](https://www.dragonhawk.org/resume/things/) for a comprehensive list.

# Work Experience

## IT Manager / ISSM — [ARC Technologies](https://www.hexcel.com/arc-tech) — March 2005 to Sep 2021

* First full-time IT employee at the company
* IT Manager
  + Scale IT with company growth, from 35 total employees, to over 200, 6 buildings, 2 sites
  + Grew IT department to 3 total staff
  + New implementation of Windows Server 2000, Active Directory, and Group Policy
  + Sustain Windows Server installation through 2003, 2012, and 2016, and growth from one server, to 10 physical servers, 20+ VMs, and an IP SAN
  + Migrate from unmanaged Windows 9x to Win 2000 with roaming profiles and limited user access
  + Implement firewalls, VPN, RDP, managed switches, VLANs, VoIP
  + Integrate with building security, CNC machines, measurement instruments
  + Create and maintain comprehensive documentation on all aspects of IT operations
* Information System Security Manager (ISSM)
  + Plan, design, implement, and maintain very-high-security stand-alone computer systems

## Systems Engineer — [Net Technologies, Inc.](http://www.ntisys.com/) — Feb 2000 to Feb 2005

* Perform a wide range of duties as the technical lead at an IT services firm
* Plan, design, implement, maintain, and repair a diverse range of systems
* Evaluate new products and technologies, and develop the company standards

## Technologist — Hampton Systems Group — Feb 1998 to July 1999

* Design, develop, test, and document custom software applications using C++, HTML, Perl
* Maintain office LAN (Win 95/NT clients, Linux server), company website, office telephone system
* Answer help desk calls, find solutions and workarounds, decompose problems into specific test cases

## Quality Test Technician — [Cabletron Systems](http://www.cabletron.com/) — Sep 1997 to Dec 1997

* Post-manufacturing product testing and special configuration

## Jr. System Administrator — [UNH Space Science Center](https://eos.unh.edu/space-science-center/) — April 1996 to Sep 1997

* Assist in operations of a large, mixed network: DOS, Win, Mac, Novell, UNIX (DEC, SGI, Sun, Linux)

# Formal Education / Certifications

* [**CompTIA Security+**](https://www.comptia.org/certifications/security) — 2021 September (current)
* [**ISC² SSCP**](https://www.isc2.org/Certifications/SSCP) — 2015 July to 2021 July
* **Amateur radio license** — KC1GKN, General class, 2016 September 25
* **US DoD SECRET Security Clearance** — 2006 January
* [**University of New Hampshire**](https://www.unh.edu/) (Durham, NH) — September 1995 to June 1997
* [**Sanborn Regional High School**](https://www.sau17.org/1/Home) (Kingston, NH) — Graduated 1995

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