

Nicholas Bly

Software Developer

(908) 347-1769 | Cranford, New Jersey

nicholasbly@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Summary

Software developer with a Master's in Information Systems Management, specializing in Information Systems Security. 10+ years of experience in programming Windows applications and providing remote desktop support. Proficient in C# with strong organizational, time management, and team-building skills.

Education

Keller Graduate School of Management – North Brunswick, NJ

Master of Science, Information Systems Management, Magna Cum Laude

Specialization in Information Systems Security

GPA: 3.755/4.00

July 2019 - June 2020

DeVry University – North Brunswick, NJ

Bachelor of Science, Computer Information Systems, Magna Cum Laude

Concentration in Web Game Programming

GPA: 3.704/4.00

June 2016 - 2019

Certifications

- [Google Cybersecurity Professional Certificate – Completed December 2023](#)
 - [C# Unit Testing with xUnit](#)
 - [C# and .NET Essential Training – by Joe Marini - LinkedIn Learning](#)
 - [C# Practice: Generic Collections](#)
 - [Udemy – C#](#)
-

Experience

Computer Technician

TechNick Computer Services – NickBly.com | Cranford, NJ

2014 – Present

- Computer hardware and software services
- Built and serviced computers, including desktops, all-in-ones, and laptops
- Optimized and enhanced client systems for improved performance and security

C# .NET Software Developer, Remote Desktop Support Specialist

2014 - Present

- [Developed video game app with 48000 lines of executable code](#), 6 years of research, coding, testing, and networking with other users
 - Implemented secure authentication system to support 300+ users including setup and remote desktop support and troubleshooting
 - Developed video game apps using C#, C++, and PowerPC with expertise in reverse-engineering and disassembly tools (IDA Pro, HxD)
 - Provided C# application security coding lessons, including obfuscation, anti-debugging, and encrypting web requests
 - Provided 1500+ account services to gaming users between 2014 and 2021 (450+ in 2021)
 - Discovered and reported a security vulnerability in Xbox 360 memory (2019)
-

Technical Skills

Programming Languages:

- C# (.NET: Windows Forms, Console Apps (.NET Core))
- SQL
- HTML, CSS
- Python
- Linux command line

Software:

- Visual Studio
- Microsoft Office 365
- Adobe Photoshop
- VirtualBox, VMWare
- TeamViewer, AnyDesk

Operating Systems:

- Windows OS: Advanced troubleshooting, optimization, privacy, and efficiency enhancements.
 - Extensive knowledge in Registry Editor, Group Policy Editor, PowerShell, system hardening, and scripting
- Linux: Experience with Kali Linux and security tools
- Apple iOS, Android: Software features and troubleshooting

Hardware:

- Building, disassembling, and repairing computers, game consoles, and handheld hardware
- Knowledge of hardware components for fixing errors and operational issues

Communication Tools:

- Discord, Skype, various E-Mail clients
 - Excellent written communication skills for remote work (text chat, e-mail, video calling)
-