

Andrew Shirley

AndrewShirley.tech Electronics, Programming and Telecommunications

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WORK EXPERIENCE

Bell Canada, Barrie— Central Office *Technician*

March 1999 - PRESENT

- Fibre Optic Migrations team, managing back-end systems during hot-fibre migrations.
- Install and maintain phone systems, voicemail, Internet, VOIP, Fiber/Copper Runs, Patch Panels, networks and site-to-site communications
- Part of a team that Installed large PBX systems at Royal Victoria Hospital, Collingwood Marine Hospital and Peterborough Regional Health Centre.
- Extensive Utility Pole and heights experience

Barrie Web, Barrie — *Co-Owner*

August 2002 -August 2006

- Custom web programming using HTML, Javascript, C/CGI, ASP, ASP.Net and SQL.
- I wrote a complete shopping cart solution with e-commerce, easily customizable by the owner.
- My company produced several owner-editable components for websites, including FAQ, Chat, Scrollable Maps and News Articles.

Celestica, Toronto — *Repair Technician*

April 1995 - November 1998

- Repaired circuit boards
- Hand soldering of Pin-Thru and SMT
- Performed ISO9001 audits
- Added software tools to the MainFrame repository

Seneca College, Markham — *Teacher*

June 1996 - December 1998

- Taught "PC Architecture and Repair"
- The course included low-level component repair of circuit boards, serial-port communications, multiplexing, binary math, general repair and Windows installs / maintenance.

EDUCATION

Georgian College, Barrie — Diploma: *Electronics Technician*

September 1994 - August 1996

- Electronic circuit design and repair

SKILLS

Small, Medium and Large phone system installation, and maintenance

I have experience in high-availability environments, 911, hospitals, hydro monitoring centres and Phone Company Central Offices.

ASP.NET Core, IoT, SQL/NoSQL, REST, HTML, CSS, Javascript, Json, Automation, Microprocessors and sensors, C++, C#, Python, Visual Basic, Ubuntu/Linux administration, CAD / 3D Printing,

Electronics Technician

INTERESTS & HOBBIES

Programming/ Electronics

<https://AndrewShirley.Tech>

<https://github.com/AndrewShirley>

Photography:

<https://AndrewShirley.Tech/category/gallery/>

3D Printing and Design:

<https://www.thingiverse.com/andrewshirley/designs>

Musician