

Andrew Shirley

22 Years of Telecommunications, experienced programmer and electronics technician

287 Hickling Tr
Barrie, On, L4M5X3
(705) 818-1604
AndrewShirley26@gmail.com

EXPERIENCE

Bell Canada, Barrie — *Telecom Technician*

March 1999 - PRESENT

- Install and maintain phone systems, Internet (central office to computer), VOIP, Fiber Runs, Patch Panels, Network and site-to-site communications, voicemail.
- 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

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 and general repair.

EDUCATION

Georgian College, Barrie — *Diploma: Electronics Technician*

September 1994 - August 1996

- Electronic circuit design and repair

SKILLS

Small, Medium and Large phone system installation

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

C/C++/C#, Python, Visual Basic, Javascript, HTML, CSS, JSON, .NET, Arduino and Microcontroller, MQTT, I2C, Display Interfacing, GPIO, ADC/DAC, Node-Red, InfluxDB, Grafana, MSSQL, Ubuntu/Linux administration, Electronics Technician, CAD / 3D Printing

INTERESTS & HOBBIES

Programming/
Electronics/Arduino

<https://github.com/AndrewShirley>

Photography:
<https://www.flickr.com/photos/192518205@N06/>

3D Printing and Design:
<https://www.thingiverse.com/andrewshirley/designs>

Musician

Gardening

