Technical Director - Global Technology

Required Skills

Level 1
- Writes tools in Python, C, and C++ under supervision.
- Demonstrates working knowledge of various software packages.
- Designs and implements simple GUIs (Graphical User Interfaces).

Level 2
- Writes tools with little supervision.
- Demonstrates working knowledge of connections between software packages.
- Demonstrates expert knowledge of one or more software packages.
- Designs and implements complex GUIs.

Level 3
- Demonstrates expert knowledge of a discipline's tools needs.
- Reports, explains, communicates, and responds effectively with members of a discipline.
- Designs project-wide pipeline solutions to connect a variety of software packages.

Level 4
- Leads teams in solving complex problems.
- Designs API (application program interface) databases.
- Mentors Level 3, Level 2, and Level 1.
- Analyzes, designs, and implements pipeline solutions in partnership with others.

What courses should I take?

| ARTS 103 | VIST 271 | VIST 441 |
| ARTS 104 | VIST 284 | VIST 470 |
| ARTS 353 | VIST 370 | VIST 486 |
| VIST 170 | VIST 372 | VIST 487 |
| VIST 270 | VIST 374 |