Mark Anthony Prado

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Software Developer | Automation Engineer

QUALIFICATIONS:

- Problem solver who gets excited about challenging engineering puzzles
- Active engagement in communicating with colleagues in a goal-driven tasks to support and implement project deliverables on time.
- Highly knowledgeable in broad space of trends in modern technology and development in software and hardware.
- Resourceful and dynamic in fast-pace environment which leads to opening of new ideas to align with technology's paradigm shifts.

EDUCATION:

- **Diploma in Computer Systems Technician – Software Engineering**

    Sheridan College Davis Campus, Brampton, ON | January 2018 – August 2019

- **Bachelor of Science in Electronics and Communications Engineering**

    University of Bohol, Tagbilaran City, Philippines | June 2008 – March 2013

SKILLS:

- Programming language experience: **C/C++, Java, C#, Python, Javascript, PHP, Perl**
- Database management experience with **PL/SQL Oracle, MySQL/MariaDB, PostgreSQL, SQLite**
- Experience in Microsoft Azure Web Services (Office 360 Automation), Amazon AWS Cloud Services
- Web Development (JQuery, Asp.Net, Django + Bootstrap, Flask and other similar framework)
- Office application Document, Spreadsheet, Presentation (MSOffice, OpenOffice, Google Docs)
- Operating System (Windows| MacOS | Unix/Linux/Ubuntu | Android)
- PC Networking, Hardware/Instrument Communication: Ad Hoc/Serial/GPIB
- Wired/Wireless testing technology, Rate vs Range, RFC2544 etc., Traffic Generator for Ethernet / Fiber / RF

EXPERIENCE:

- **Clearcable Connects – Full-Stack Software Developer**

    Sept 2019 – Present Waterdown, ON Canada
    - Deployed Network Operations Management System to ISP customers
    - Supported ISP customers' issues & inquiries about Network Operations Management System
    - Full-stack development using PHP/Perl running Mojolicious Framework
    - Developed custom API for client specific architecture to integrate Network Management Services
    - Managed database for new ISP customers.

- **Rogers Communications – Network Coop (Systems Integrator / Programmer)**

    Jan 2019 – April 2019(full-time) / May 2019 – Sept 2019(part-time) Brampton, ON, Canada
    - Developed Automation Scripts using python 2/3 to drive the following:
      - Web UI using selenium API and Android OS UI using ADB Interface
      - Various Instrumentation with GPIB/USB/Eth/Serial Interface using VISA/Telnet/Serial/SSH
    - Performed wireless device performance testing in AP Mode or Mesh Mode.
    - Setting up and managed test environment architecture with Supermicro and Dell server that runs Automation Scripts and Operating System for Second Screen Simulation.
    - Developed Web UI for Automation Scripts to load execution in queue and track progress using Django.

- **On Semiconductor (Fairchild Semiconductor before acquisition) – Process Engineer**
    - Non-developer experience for 4 years. Process design & improvement with Lean Six Sigma.