

Ngo Dinh Nguyen

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OBJECTIVE

“Widen personal knowledge, get the experiences and archive successful along with organization. Make the technology solve the life problem!”

EDUCATION

- ✓ 2011 – 2015 Computer Science, University of Engineering and Technology, Vietnam National University, Hanoi, Vietnam (GPA 3.34/4.0)

PROFESSIONAL STRENGTH

- ✓ *Quick learner and ability to work under pressure*
- ✓ *Good motivator, enthusiastic and open to learn new ideas*
- ✓ *Advance in programing logic and data structure*
- ✓ *Knowledge about design pattern*

TECHNICAL SKILLS

- ✓ *Inference system, constraint satisfaction*
- ✓ *Advance C++, Qt*
- ✓ *Advance Linux, Shell scripting*
- ✓ *Work with git-base project*
- ✓ *PostgreSQL, MySQL*

QUALIFICATIONS

- ✓ *TOEIC: 750*

WORK EXPERIENCE

- ✓ 2015 – present: **Viettel Institute of Research and Development**
 - Implement inference engine for decision support system with fuzzy inference rules and Bayesian networks. Boosting up inference in Bayesian

network use the pearl belief propagation; loop-cut in case multi-connected network (C++, Qt).

- Solving problem of finding locations satisfying multi constraints with technique of backing; use heuristic, forward checking and constraint propagation to reduce of searching domain.
- Develop high performance computing systems.: optimize software performance in real time system that can process large number of air tracks. (C++)
- Building maps application can handle numerous objects (C++, Qt, QGIS, Postgresql..).
- Building desktop application for a command center (C++, Qt) .
- Foreign work in short term (1 week in Israel).