
(Daniel) Thien Thuan Nguyen

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(Willing to travel)

SKILLS PROFILE

- ✓ **Programming Languages**
 - 3+ years experienced in C, C++ , Python, Matlab
 - 1+ years experienced using SQL, HTML, CSS, JavaScript, Python, Verilog VHDL, Java (Android Development),
- ✓ **Computer Architecture**
 - Control unit and data path, pipelined architectures, Memory Hierarchy Organization (cache memories, virtual address translation), Simultaneous Multithreading (SMT)
- ✓ **Proficient in Data Structures and Algorithm Efficiency**
 - Stack, Queue, Linked List, Heaps, Hash Table, Graphs, Trees
- ✓ **Embedded System**
 - SPI, I2C, ADC/DAC, UART, XBEE/ZIGBEE
- ✓ **Experienced with Android App Development IDEs and Emulator**
 - Eclipse, Android Studio, Windroy, Genymotion
- ✓ **Experience with design, build, execute manual and automated software test suites and Agile Framework**, collaborate with other team members to deliver compelling, high quality solutions via iterative sprint commitment

EDUCATION

Bachelor of Science Degree, Computer Engineering
University of California, Davis CA

Sept.2011 – March. 2016

PROFESSIONAL EXPERIENCE □ MAJOR CONTRACT HISTORY

06/15-Present **Hexagon Manufacturing Intelligence** Fremont, CA
Application Engineer (Intern)

- Create programs ranging from simple inspection to complicated logic based graphical user interfaces based on customer specification.

09/14- 06/15 **Institute of Transportation Studies - Davis** Davis, CA
IT Consultant/Programmer (Intern)

- Operated in high level networking techniques including but not limited to VLAN design and concepts, routing and firewall design and concepts, MS active directory design and concepts, and MS AD integration.

09/13-09/14 **California Lighting Technology Center** Davis, CA
IT Consultant/Programmer (Intern)

- Performed network administration functions and administered group policies via DRA and Active Directory.

MAJOR PROJECTS

- | | |
|--|---|
| ❖ Wireless Communication Using XBee Modules Ping Pong Game(C/C++) | ❖ Data Management (Python) |
| ❖ Unix Shell(C/C++) | ❖ Customer Service Tip (Java – Android) |
| ❖ Virtual Machine with threading scheduler(C/C++) | ❖ Contact Info Database – SQLite Database (Java – Android App) |
| ❖ Message Security Embedded (Matlab) | ❖ Yahoo Financial Info Data – JSON, XML PULL PARSER (Java – Android App) |