Nathan Wiering

11 Oak LN.

Marquette, Michigan 49855

 (906) 451-4608

hirenathan@dreamphase.net

# Professional Accomplishments

**906 Technologies** July 2012 – Present

*Web & Software Programmer*

 530 County Road HQ
 Marquette, MI 49855

 Supervisor: Lee Francisco

 906-226-2906

Responsibilities:

 Programming of website infrastructure.

 PHP, Python development.

 MySQL Database Query design.

 SVN: checking out, committing, merging, resolving conflicts.

 Bug tracking fixing.

 Android- Design, Engineering and Software Development.

 iOS (iphone/ipad)- Design, Engineering and Software Development.

**Cigna** Sept 2012 – November 2012

*Software Developer/ Contractor*

 3 Waterside Crossing, CT

 Supervisor: Singh Gagandeep

 201-450-5073

 Tony

 860-778-4280

Responsibilities:

 Maintaining and expanding Mobile application backend framework

 Python development.

 Designing and implementing Device to Server and Server to Device interaction contracts.

 SVN: checking out, committing, merging, resolving conflicts.

 Bug tracking fixing.

**Telecommunication Services** August 2009 – August 27th 2011

**Northern Michigan University**

*Network/Telephone - Technician*

 4 Cohodas Hall NMU Campus

 Marquette, Michigan

 Supervisor: Donald A, Salo

 Telephone: 906-227-1987

 May be contacted

Responsibilities:

 Maintained and expanded the campus computer and phone networks including: WiFi, Ethernet, WiMax(4G) network, and Avaya telephone systems.

 Installed cat5/cat6 cable runs, terminated jacks,

 Assembled Wimax RF heads, and base stations

 Supervised the setup of a Wimax base station, and completed the installation within the required timeframe.

 Preformed troubleshooting procedures on a large scale networks.

 Installed, Adjusted, and Repaired Security Cameras across campus.

 Trained new employees.

**The Dutch Shop LLC** July 2007 – Present

*Network Administrator*

 11 Oak Lane

 Marquette, Michigan

 Supervisor: David Wiering

 906-228-4020

 May be contacted

Responsibilities:

 Functioned as primary Network and Systems Administrator maintaining network and system services and performance.

 Maintain the wired and wireless network networking equipment, and software.

 Maintain all computers/devices on the network.

 Maintain the security of the network and individual computers, including PCI compliance

 Programmed encryption schema for secure information storage.

 Designed MySQL database structures.

 Preventative maintenance on network, and computer systems.

**Intel Corporation** May 2009 – August 2009

*Intern – Contractor*

 Jones Farm Campus

 2111 NE 25th, Hillsboro, OR  97124

 Supervisor: John Webber

 Email: john.s.webber@intel.com

Responsibilities: Intern/contractor at Intel through CDI IT Solutions, worked on internal Confidential software development.

Ported internal testing software to Linux.(Fedora, Ubuntu)

Functioned as part of a team, developing C#/.net applications.

Python test automation programming.

Specialized preproduction WiFi/WiMax(4G) testing.

Embedded device software/hardware testing.

Acted as part of a SCRUM team during a development process.

**CDI IT Solutions** May 2009 – August 2009

*Computer Technician*

 2111 NE 25th Avenue

 Hillsboro, OR 97124

 Supervisor: Riley Bolen

 Telephone(cell): 503-712-6786

 Email: Riley.Bolen@cdicorp.com

Responsibilities: Worked as an Intern/contractor at Intel through CDI IT Solutions

**Lydia M. Olson Library** June 2008 – May 2009

*Student Administrative Assistant*

 203 Harden Learning Resources

 NMU Campus, Marquette, Michigan

 Supervisor: Luann M. Dagenais

 Telephone: 906-227-2117

Responsibilities:

 Provided assistance to the Secretary of the Library;

 Cataloged Employee Hours

 Database programming

 Ordering supplies

**Lydia M. Olson Library** Sept. 2007 – June 2008

*Student Assistant Librarian*

 203 Harden Learning Resources

 NMU Campus, Marquette, Michigan

 Supervisor: Kathleen Godec

 Telephone: 906-227-2261

Responsibilities:

 Circulation

 Shifting shelf

 Inventory

# Education

*Graduated,* Northern Michigan University, Marquette, MI 49855 August 9th 2011

 Major: Bachelor of Science Network Computing

 Minor: History

 GPA: 2.30

 Relevant Coursework, Licensures and Certifications:

 - CS 120 (Basic Java Programming)

- CS 122 (Java Programming)

- CS 201 (C++ Programming)

 - CS 222 (Data Structures)

- CS 228 (Network Programming)

- CS 302 (Unix System Administration)

- CS 326 (Object Oriented Design)

- CS 330 (Micro Architecture)

 - CS 332 (Prin. of Programming Languages)

 - CIS 351 (User Interface Design)

- CS 442 (Advanced Networking)

- CS 460 (Advanced Web Programming)

 - CS 470 (Artificial Intelligence)

 - CS 480 (UG Senior Proj-Computer Science)

 - CS 491 (Computer Science Internship)

*Diploma*, Northwood’s Christian Academy, Marquette, MI 49855 Dec. 2006

-Graduated early with a 3.92 cumulative grade point average

# Computer Training / Skills

- MS Windows operating system administration

- Linux system administration

- Centos/RHEL6, Slackware, Ubuntu, Debian, Madriva, BSD

- VMware ESXi, KVM/QEMU, OpenVZ

- Trained in setting up both wired and wireless networks

- SCRUM (development) experience

- XP (development) experience

- C# Programming

- C++ Programming(x86, ARM)

- Java Programming (Including Android SDK)

- PHP Programming

- Python Programming

- Javascript Programming

- VB.net Programming

- MySQL

- Assembly(IA)

- Objective-C

- GUI/User Interface designing

# Other Training / Skills

-Arc Flash Safety Awareness Training.

-Confined Space work training.

-Troubleshooting electronic circuits(including SMT)

-High reliability soldering.

-Ability to adapt to different demands, self motivated.

# Honors and Awards

- Certificate of appreciation from The White House Communications Agency.

**Competition**

MTU BonzAI Brawl April 11th, 2009

 http://wics.students.mtu.edu/bonzai/results.php

Placed 9th (of 38) in a double elimination style tournament.

NMU Invitational Programming Contest #10 March 28th, 2009

http://cs.nmu.edu/~apoe/NMUCONTEST10/results.txt

Placed 6th (of 24) by solving 3 out of 6 problems in 398

 minutes.