



## Michael R. Charara

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### EDUCATION - [HTTPS://WWW.NETDEVMIKE.COM/ABOUT](https://www.netdevmike.com/about)

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#### **Harvard, Boston**

Master's in software engineering, September 2021 – 2023

#### **Notre Dame College, Online**

Master's in Business Administration, December 2020 – 2022

#### **Harvard Medical School (HMX), Boston, Massachusetts**

Certificate of Achievement in Medicine, April 2017

Medical Course Work in Biochemistry, Physiology, Genetics, and Immunology

#### **University of Michigan, Michigan**

Bachelors of Biological Science, April 2014

### PROFESSIONAL EXPERIENCE (SELECT)

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#### **United Wholesale Mortgage (Information Technology), Pontiac, Michigan**

Network Administrator, June 2021 – Present

Developed and maintained the network primarily using products from Cisco. In this role I created and configured the network, ensured network security, and troubleshoot issues. I am capable of upgrading/replacing hardware and software systems, present network reports, train end-users, resolve technical issues, and automate tasks.

#### **Massachusetts General Hospital (Nephrology Division), Boston, Massachusetts**

Research Assistant, July 2016 – April 2018

Conducted medical research in nephrology, more specifically Autosomal Dominant Polycystic Kidney Disease.

Research included conducting protein quantifications, gel electrophoresis, western blots, buffer preparations, autoclaving, cell cultures, scanning films/Image J, cryopreservation of cells, cryostoring cells, and casting polyacrylamide gels.

Reagent solutions included bicinchoninic acid solutions and copper (II) sulfate solutions.

#### **East Lake Foods inc., Wayne, Michigan**

Human Resource Manager & Back End Web Developer, January 2014 – April 2020

Oversaw recruitment, development, and training for more than 300 employees across 12 Kentucky Fried Chicken franchises and 6 Tim Hortons franchises.

Managed website HTML/CSS alongside form submission data.

### LICENSES & CERTIFICATIONS (SELECT) - [HTTPS://WWW.NETDEVMIKE.COM/ABOUT](https://www.netdevmike.com/about)

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AWS Certified Cloud Practitioner

Scheduled December 2021

Microsoft Certified Azure Administrator, AZ-104

December 2021 | Expires December 2022

Microsoft Certified: Azure Fundamentals, AZ-900

September 2021

Cisco Certified Network Associate, CCNA

August 2021 | Expires 29 August 2024

Unity Essentials / Unity Junior Programmer,

January 2021

### PROJECTS (SELECT) - [HTTPS://WWW.NETDEVMIKE.COM/PORTFOLIO](https://www.netdevmike.com/portfolio)

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#### **Configuration Compliance for Ansible Automation, Cisco** - <https://www.netdevmike.com/project/configuration-compliance-for-ansible-automation>

United Wholesale Mortgage, September 2021 – Present

Leveraged SolarWinds Compliance Policy Reports to standardize configurations across the Network.

Worked on IP Device Tracking (IPDT), Dynamic Host Configuration Protocol (DHCP) Snooping, Virtual Local Area Network (VLAN) configurations, and more. Involved me working on both Cisco and Nexus OS

#### **Identity Services Engine Portal, Cisco** - <https://www.netdevmike.com/project/identity-services-engine-portal>

United Wholesale Mortgage, August 2021 – Present

Consolidate SSID for both Guest and employees to a single SSID using Cisco's Identity Services Engine

Wireless Lan Controller during project was Cisco Catalyst 9800 Series

### AWARDS/MEMBERSHIPS/HOBBIES (SELECT)

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**ACM Student Chapter, Founding Chair of Advancing Computing as a Science & Profession (ACM)**, <https://www.acm.org/>

**Certificates of Achievement from HMX**, Immunology, Biochemistry, Physiology, and Genetics, Awarded for High Academic Achievement 2017.

**University of Michigan Dean's List**, Awarded for High Academic Achievement.

**East Lake Foods Student Scholarship**, Awarded for employee success recognition and high future academic aspirations.

**Michigan Neurology & Spine Center Scholarship**, Awarded for continuous excellence along with essay submission.

**Memberships include**, Children's Miracle Network, American Red Cross, Zaman International, and a field partner for Doctors without borders.