**Michael R. Charara**

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**Education**

***Harvard,*** *Boston*

Masters in Software Engineering, September 2021 – 2023

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

Master of 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****, Dearborn, Michigan*

Bachelors of Biological Science, April 2014

**Professional Experience (Select)**

***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 troubleshot issues. I am capabale 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 (ll) 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)**

***Microsoft Certified Azure Administrator,*** *AZ-104*

Subject matter expertise implementing, managing, and monitoring an organization’s Microsoft Azure environment.

Scheduled Exam Date: December 2021

***Microsoft Certified: Azure Fundamentals,*** *AZ-900*

Fundamental level knowledge of cloud services and how those services are provided with Microsoft Azure

Exam Date: 20 September 2021

***Cisco Certified Network Associate****,**CCNA*

Network fundamentals, network access, IP connectivity, IP services, security fundamentals, and automation and programmability. Exam Date: 29 August 2021 | Expires 29 August 2924

***Unity Essentials / Unity Junior Programmer****,**Online*

Proficient Junior Programmer Writing Scripts in C#, January 2021

**Awards/Memberships/Hobbies (SELECT)**

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

**Strong interest in technology**,hobbies include building, disassembling, working with computers and other electronic devices whether that be software or mechanical hardware.