



NAM CAP


FRONT-END DEVELOPER


CONTACT


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EDUCATION

Bachelor of Science and Information Sciences

in Computer Science and Networks and Security

Auckland University of Technology

March 2019 - December 2022

Undergraduate Coursework

Computer Science coursework:

Data Structures & Algorithms (A+),
Operating Systems (A-),
Logical Database Design (A),
Logic and Discrete Structures (A),
Algebra & Discrete Math (A+),
Theory of Computation (A+)

Network & Security coursework:

Computer Network Principles/
CCNA 1 (A+),
Network & System Admin (A-),
Computer Network Applications/
CCNA 2 (A+),
Advanced Network (A)

Research & Development (R&D)

R&D part 1 (A-)
R&D part 2 (A-)

LANGUAGES

Languages

CAREER OBJECTIVE

The passion I have for technology has shaped me into the person I am today. I am a Front-End/ Back-End Developer who is able to work alongside other talented IT professionals in creating websites. I love learning and solving difficult problems within a team environment to help a business accelerate and grow. Ready to apply my passion for coding to a talented engineering team to develop quality solutions.

PROJECTS

Front End Web Developer

by Nam Cap

Sep 2021 - current

- <https://namcap99.github.io/Honda-Car-Project/>
- <https://namcap99.github.io/Elearning-Demo-Website/>
- <https://namcap99.github.io/Movie-Web-Demo/>
- Technologies: Sass, HTML, CSS, Animate CSS, Venobox CSS, Javascript, JQuery, Bootstrap, Font Awesome, Font Google, and Responsive.

WORK EXPERIENCE

Teaching Assistant

AUT

18 July 2022 - 30 Oct 2022 / Cisco CCNA level 1 (Level 5 paper using Packet Tracer) and Advance Network Technologies (level 7 paper using OMNet++)

- (Cisco CCNA 1) Explain network technologies, router hardware to students.
- (Cisco CCNA 1) Help students can understand configure initial settings on a network device. Implement basic network connectivity between devices.
- (OMNet++)Support students in classroom to practice about in design, implementation and deployment of Gigabit Ethernet, ATM, Frame Relay, MPLS, and modern optical networks.
- (OMNet++)Worked with students to understand needs and provide the concept of quality of service (QoS) paradigm and various issues and challenges in providing IP QoS.

Research Assistant (using OMNet++)

AUT

18 Nov 2022 - 23 Dec 2022 / Campus AUT

- Use Omnet++ to design and run the basic model (Infrastructure network) including: Basic Service Set (BSS) & Extended Service Set (ESS).

Frontend/ Website:

Javascript (ES6), HTML5, CSS3

ReactJs, VueJs, Bootstrap

Material UI/UX

Backend/ Website:

NodeJs (Express Js)

RESTfull API

Database:

MySQL, Oracle SQL

Microsoft SQL Server

Programming

Java, Python, C

Networking

CCNA 1 & 2

Switching: VLAN, VTP, STP, DTP

OSI & TCP/IP, Ipsec VPN,

Cisco CCNA, LAN & WAN

- Use Omnet++ to design and run an independent Adhoc Model (Independent network)
- Run and collect parameters for End-to-end delay, Throughput & Packet loss from Omnet++ to compare when there is a change in the number of clients.