

# Nabil S. Alramli

## Embedded Software Engineer / C Programmer

U.S. Citizen

Remote / Dearborn, MI

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## Executive Summary

I am an expert embedded software engineer / C Programmer with knowledge and experience in a wide variety of technologies and platforms. I have a Bachelor's degree in Software Engineering from the University of Michigan and a Master's degree in Computer Science from Virginia Tech University.

I specialize in researching and solving complex problems such as kernel, device driver, and system-level programming, network programming, high-performance and real-time applications, information security. My daily goal is to produce high-quality, efficient, reliable, and maintainable code.

## Experience

### *Fastly Inc*

#### **Staff Kernel Engineer – Host Networking (Apr, 2021 – Present)**

- Responsible for the maintenance and development of custom linux kernel features, kernel modules, and user space applications of network packet processing

### *Verisign, Inc.*

#### **Kernel Engineer IV – DNS Load Balancer (Oct, 2019 – Apr 2021)**

- Responsible for the maintenance and development of custom linux kernel features, kernel modules, and user space applications of network packet processing

### *Amazon Web Services*

#### **Embedded Software Engineer II – AWS Cryptography (Sep, 2018 – Oct, 2019)**

- Responsible for the development of CloudHSM firmware components

### *comScore, Inc.*

#### **Staff Embedded Software Engineer – Meter Team (Mar, 2014 – Sep 2018)**

- Promoted from Senior Engineer to Staff Engineer
- Lead the development of comScore router and household device products
  - o Develop SSL web proxy
  - o Implement network monitoring kernel mode tools for embedded linux routers

## Education

### *Master of Science in Computer Science and Applications*

#### **Virginia Polytechnic Institute and State University – Falls Church, VA**

Graduated in August, 2013

GPA: 3.84

### *Bachelor of Science in Software Engineering*

#### **University of Michigan – Dearborn, MI**

Graduated in August, 2008 with High Distinction

GPA: 3.96

Dean's list: winter 2007, winter 2008, annual 2008

Member of UPE honor society