

# Algo-Logic Systems is Hiring!

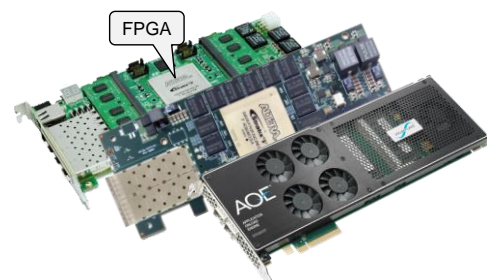
## Algo-Logic Systems is Hiring!

- **Roles:** Software Developer, Hardware Design Engineer, Network Engineer
- **Positions:** Full-time, internship
- **Location:** Silicon Valley (Santa Clara, CA)



## A Successful Candidate...

- Will work with a team of brilliant engineers and programmers to implement the lowest latency and highest throughput algorithms in digital logic
- Will design algorithms in FPGA logic for Layer 3 to 7 network processing systems
- Will implement FPGA applications with software APIs that will be deployed worldwide
- Will be able to communicate design requirements with customers



## Qualifications / Requirements

- BS, MS, or PhD in Computer Science or Electrical/Computer Engineering (completed or in progress)
- A deep understanding of parallel and pipelined computing systems
- Knowledge of protocols used in switches, routers, and network appliances
- Understanding of TCP/IP, NFV, and network security
- Experience with version control (CVS, GitHub) and code management

## Preferred Skills

### Software Developer

#### Back-end system programming

- Programming in C/C++, Perl, PHP, Python, Ruby on Rails
- Mastery of push/pull web paradigms and pub/sub messaging models
- MySQL, Redis, Node.JS

#### Front-end web development

- Programming in Javascript, jQuery, and AJAX
- Data modeling and visualization with D3.js or DC.js

#### Heterogeneous computing

- Experience coding with threads, DPDK, and OpenCL

### Hardware Design Engineer

- Experience with RTL design, simulation, and synthesis using Quartus, ISE, and/or Stylus in VHDL or Verilog
- Experience with parallel and pipelined computing architectures and programming languages (OpenCL)
- Familiarity with multiple bus protocols including PCIe, AXI, and Avalon
- Understanding of complete design flow of FPGA development process

### Network Engineer

- Understanding of Linux networking, OpenStack
- Socket programming, LINUX system administration (iptables, network configuration, tcpdump, tcpdump, wireshark, ethtool)
- Experience with DPDK
- Experience with networking testing tools (e.g. iperf)
- Performing tests at network level (debugging, benchmarks)

## Apply Online

- <http://Algo-Logic.com/careers>
- **No agencies please**

