

# Ariel Nathan

## Network Engineer

*Soon-to-be Computer Engineering graduate (2023) seeking opportunities that will enhance my skills and knowledge while contributing to the companies growth.*

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Closter, New Jersey

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### WORK EXPERIENCE

#### Home Dynamix

E-Commerce Analyst

North Arlington, NJ | September 2019 – August 2021

- Design and implement software using Python, JavaScript, Node.js, and the MERN Stack to track item rankings over time to decide which items to restock
- Develop software using the Amazon MWS API to receive and parse inventory data into a report, simplifying the restocking process and reducing out-of-stock time
- Manage Amazon product listings and advertising campaigns to generate \$2.6 million in sales in 18 months and average \$6000 in daily sales
- Decrease Advertising Cost of Sale by 25% by choosing search keywords to target, which products to advertise and adjusting bids on advertising campaigns
- Create A+ Content and item listings to bring multiple items to "Top Ten Seller" status

### PROJECTS

#### Cisco Routing and Switching

- Setup basic router and switch environment in packet tracer
- Configure Switch Port, Access, and Trunking modes with Port Security
- Implement Telnet and SSH with security
- Setup VLAN sub-nets, inter-VLAN routing and routing on a stick
- Design OSPF areas and manage DR and BDR relationships

#### Virtualization

- Setup virtual machines in VMware and Virtualbox
- Provision the necessary resources for specific applications and servers to run smoothly

#### Websites

- Personal Portfolio - arielnathan.com
- Memories App - reactmemories.netlify.app - A fullstack social media app

### SKILLS

#### Technical

- Routing & Switching Fundamentals
- Cisco Routers & Switches
- Cisco IOS
- Virtualization
- Windows, Linux, Mac OS

#### Programming

- Python
- JavaScript
- React
- Node.js
- MongoDB
- C++
- Redux and Redux Thunk
- SQL

### EDUCATION

#### B.S. Computer Engineering

New Jersey Institute of Technology

2018 - current

Newark, NJ

### RELEVANT COURSES

- Database System Design & Management
- Microprocessors
- Computer Science in C++ 1
- Computer Science in C++ 2
- Fundamentals of Engineering Design