Michelfrancis Bustillos

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* **Network Systems and Data Communication Analyst**
  + This position interests me because I enjoy working with information handling and processing as well as linking people to resources. My skills in programming, experience in setting up and maintaining high-demand networks and my ability to analyze a problem to find a solution will help me succeed in this career.
  + <http://www.bls.gov/oes/2009/may/oes151081.htm>
  + Responsibilities: A Network Systems and Data Communication Analyst works with LANs (Local Area Networks) and WANs (Wireless Area Networks) to facilitate communications between people and technology. They create and maintain networks within business and schools, allowing people to access data and services between devices.
  + $76,560/year
  + Requires at least a bachelor’s degree from a four-year accredited college or university with courses focusing on computer systems networking and telecommunications.
  + Several local companies would hire a network systems and data communication analyst, including Lockheed, Bae Systems, and USARL (United States Advanced Research Laboratories).
  + This career has long interested me and further research has served to increase this interest.
* **Computer Systems Analyst**
  + I am interested in this job because it gives me an opportunity to create new computer/network systems, in addition to retrofitting older systems with newer hard and software. Having skills in programming, computer manufacture and maintenance and an understanding of both old and new technology will help me acquire this job.
  + <http://bls.gov/ooh/Computer-and-Information-Technology/Computer-systems-analysts.htm>
  + Responsibilities: Computer Systems Analysts meet with businesses and schools and design/retrofit computer systems to meet their needs. They upgrade older systems to meet the ever increasing demand and help to design new systems that will meet the needs of the client for the foreseeable future. Computer Systems Analysts also maintain existing system in order to keep them up and running.
  + $79,680 /year
  + Usually requires a bachelor’s degree in a computer or information science field.
  + In addition to the companies listed above, many other companies, such as Raytheon, Cisco, and Boeing would hire a computer systems analyst.
  + I am certainly considering this position as a perspective career path.
* **Computer and Information Systems Manager** 
  + This job interests me because I have the opportunity to manage others and control projects, while working with computers and technology. Delegation, management, and in-depth knowledge are skills that will give me an edge in this field.
  + <http://www.bls.gov/ooh/management/computer-and-information-systems-managers.htm>
  + Responsibilities: Computer and Information Systems Managers work with and coordinate experts and technicians in various information technology fields to complete a wide range of projects for their employers.
  + $120,950/year
  + A bachelor’s degree in computer or information science, plus related work experience, is required.
  + Fastenal, Webs (web hosting), and Ritz-Carlton Hotel Company and some of the many companies that would require a Computer and Information Systems Manager.
  + While not at the top of my list, this career still interests me and is an option that I may explore further.
* I plan to pursue a career as a Network Systems and Data Communication Analyst by continuing to study programming and computer technologies in high school and college. In my last two years of high school, I will take Computer Programming 2 & 3 and AP Computer Science. After high school, I will go to a four-year college or university and take courses on networking and telecommunications. To get into this field, I will also pursue an internship with the US DoD and/or my current robotics mentor/boss, who is a server and web administrator for his company Enktesis .