

Michael B. Sumulong

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- Objective:** To obtain a position aimed towards networking, embedded programming, or software development
- Education:** **Stevens Institute of Technology**, Hoboken, New Jersey
Bachelor of Engineering in Computer Engineering, **Minor in Mathematics**
Expected Date of Graduation: May 2004
GPA: 3.82 **Major GPA:** 3.948
- Honors:** Dean's List, Edwin A. Stevens Scholarship, President's Award, Tau Beta Pi, Eta Kappa Nu, Kappa Theta Epsilon
- Major Subjects:** Information Systems Security, Image Processing and Coding, Modeling and Simulation, Interactive Computer Graphics, Microprocessor Systems, Digital Signal Processing, TCP/IP, Digital System Design (VHDL)
- Skills:** **Hardware:** Intel based computers, Cisco Routers and Switches, Amtel Microprocessors
Software: Microsoft Office, Microsoft Visual Studio, Adobe Photoshop, MathCAD, Scientific Notebook, MATLAB, SolidWorks, Linux, Windows NT/2000/XP, VectorCast Unit Testing Software
Languages: MATLAB, Amtel Assembly, Motorola HC11 Assembly, JavaScript, Visual Basic, VBScript, C++, C, BASIC, Pascal, Java, HTML, SQL, PHP, Active Server Pages
- Work Experience:** **The MITRE Corporation**, Eatontown, NJ
Modeling and Simulation Co-op: 1/03 – 8/03
- Demonstrated Virtual Reality Urban Warfare Simulation Test Bed to U.S. Army VIPs
 - Analyzed bandwidth usage on server load balancing protocol utilizing application based anycasting
 - Performed server load balancing testing using an Ixia Traffic Generator and Cisco 3725 router with JVM
- Stevens Institute of Technology**, Hoboken, NJ
Technogenesis Summer Scholar Researcher: 5/03 – 8/03
- Developed an image processing algorithm in MATLAB to detect early stages of lung cancer
 - Researched published papers related to medical cellular image processing
- Datascope**, Mahwah, NJ
Software Engineering Intern: 8/01 – 1/02, 5/02 – 8/02
- Developed code for the front end controller to handle A/D conversions
 - Tested and debugged code for the keypad controller
 - Unit tested C code to verify function parameter input/output
- Credit Lyonnais**, New York, NY
Network Engineering Assistant: 1/01 – 5/01
- Maintained documentation of workgroup and core network switches
 - Diagnosed and resolved problems with end-user connectivity to the network
 - Configured and installed enterprise production workgroup switches
 - Updated the Network Engineering group's webpage
- Digital Ink Media Group**, Lyndhurst, NY
Programmer: 5/99 – 9/99, 5/00 – 9/00
- Developed ASP and PHP based web pages
 - Programmed in-house Visual Basic applications
- Activities/ Hobbies:** Academic Support Center Tutor, Cooperative Education, Filipino Association of Stevens Tech, Ethnic Student Council Representative, Electrical and Computer Engineering Advisory Board, Ski & Snowboard Club, Paintball Club, Basketball, Rollerblading

U.S. Citizen