

Gregory Fiumara

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Objective

Seeking a computer science position in which professional experience in biometrics programming and systems administration along with the desire to pursue graduate studies will enhance an organization's efficiency in achieving its goals, both short and long-term.

Experience

National Institute of Standards and Technology - Gaithersburg, MD, IT Specialist 06/08 - Present

- Collaborated on NGBMS, a new large-scale multimodal biometrics IDM system, written in C++.
- Supported various aspects of NIST's MINEX II, ELFT, IQCE, and PFT II biometric evaluations.
- Contributed code to and thoroughly tested the NIST Biometric Image Software (NBIS), written in C.
- Administered Linux/Windows clusters, Cisco ethernet and fibre switches, and multi-hundred TB disk arrays.
- Set up and contributed code to the open-source SystemImager project to rapidly image computer clusters.
- Designed and developed a web application using PHP/PostgreSQL for handling export-controlled distribution.
- Collaborated on a PHP/PostgreSQL system with shell script tools for automated third-party biometric SDK evaluation using distributed computing, with a strong emphasis on encryption and security.

The Retriever Weekly, UMBC's Student Newspaper - Baltimore, MD, Technology Manager 10/06 - 12/09

- Help lab users overcome computer difficulties, ranging from networking or other account problems to support for various Adobe publication products and in-house web applications.
- Oversee technology staff while maintaining and improving lab infrastructure. Work closely with UMBC IT.
- Recent responsibilities: establish improved documentation of configuration and common procedures for use by future staff, oversee "web 2.0" transition of external website to remain competitive online, migrate Mac OS X 10.5 servers to Mac OS X 10.6.

Department of Computer Science at UMBC - Baltimore, MD, Grader 02/08 - 05/08

- Grade approximately forty Java projects biweekly for CMSC 202 - Computer Science for Majors II.

Five Guys Burgers and Fries - Frederick, MD, Assistant Manager 11/04 - 02/07

- Responsibilities include all aspects of food preparation, restaurant cleanliness, and customer satisfaction.
- Oversee crew employees, handle food orders, scheduling, payroll reports, franchise and health department compliance, public relations, and all monetary concerns (trusted with thousands of dollars in cash daily).

Education

University of Maryland, Baltimore County - An Honors University in Maryland 02/10 - Present

Pursuing MS computer science, part-time. Current enrollment: Principles of Database Systems.

University of Maryland, Baltimore County - An Honors University in Maryland 08/06 - 12/09

BS computer science, cum laude and general honors. Member of the IEEE Computer Society. Selected for membership in honor societies (Phi Kappa Phi, Golden Key, Omicron Delta Kappa, Kappa Theta Epsilon). 3.72 GPA.

Frederick County Career and Technology Center - Frederick MD 08/03 - 06/05

Achieved 4.0 GPA completing CompTIA A+ and Cisco CCNA curricula. Member of SkillsUSA. Represented Maryland at National Conference in 2004 for Job Skill Demo and in 2005 for Cisco Internetworking (9th in USA).

Walkersville High School - Walkersville, MD 08/02 - 06/06

Graduated with highest honors. Member of National Honor Society and National Technical Honor Society. Section leader of top five Atlantic Coast drumline. Member of various musical ensembles.

Skills

Skilled with the Mac OS, Windows, and various Linux operating systems. Knowledgeable in C, C++, Objective-C with CocoaTouch, Java, Ruby, Python, Javascript, PHP, HTML, SQL, and shell scripting. Familiar with Scheme and assembly. Source code management with Perforce and Subversion. Defect tracking with Bugzilla.