

Michael P. Ippolito

(347) 497-0741 · michael.p.ippolito@gmail.com · mp08ippo@siena.edu

Education:

Siena College – Loudonville, NY
B.S. in Computer Science; Minors in Mathematics and Business
GPA: 3.40

Expected May 2017

Technical Skills:

- Professional experience programming in Java and Python
 - Fluent in C++, Ruby, Perl, Bash-shell, DOS-shell, and most object-oriented syntaxes
 - Source code management experience with SVN and Git
- Highly experienced working on Windows, Mac OS X, and Ubuntu systems
- Skilled in database development, implementation, and administration
 - Professional development Oracle, SQL, PostgreSQL, SQLite, and Cassandra
- Accomplished projects with Adobe Photoshop, After Effects, Flash, and Premiere

Work Experience:

SOCHE Research Contractor
Wright-Patterson Air Force Base, Dayton, OH

May 2016 – Present

- Perform research and programming alongside USAF personnel to develop image recognition software for use on drone technology
- Programming using Python in an Ubuntu environment to create computer vision software with OpenCV, NumPy, SciPy, Google API's, and Cassandra databases
- Received NACI clearance as part of background check and Common Access to utilize DoD facilities, installations, and computer systems.

Lab Assistant
Siena College, Loudonville, NY

September 2014 – December 2016

- Teach and build on fundamental programming and computer science techniques in a lab setting
- Prepare and assist students with programming assignments in Alice, Python, and Java

Software Development Intern
Auto/Mate, Albany, NY

January 2016 – May 2016

- Assisted on the development team of DMS software, working with PostgreSQL and Java
- Performed maintenance and issue handling as reported by users
- Created Java applications to replace existing COBOL programs. Maintained compatibility in the system to be implemented with release builds

Research Intern
Siena College Institute for Artificial Intelligence, Loudonville, NY

May 2015 – August 2015

- Participated in the Text Retrieval Conference (TREC) on the Clinical Decision track (SCDA) sponsored by the National Institute of Standards and Technology and the U.S. Department of Defense
- Developed a system for retrieving relevant medical documents based on patient descriptions
- Integrated indexing and querying software in Java and Bash-shell scripting utilizing Lucene

Help Desk Intern
Teacher's Retirement System of NYC, New York, NY

May 2013 – August 2013

- Performed for hardware repairs, rollouts, and general maintenance as part of a 6-person team for over 350 agency employees
- Identified and repaired network, software, and hardware problems with increasing responsibility for independent resolution of issues and implementation of solutions