David P. Pick

Current Address: pickdp@rose-hulman.edu   **Home Address:**
5500 Wabash Ave.   (773) - 329 - 3875   2708 N. Wayne
Terre Haute, IN 47803   Chicago, IL 60614

Objective:

To obtain an internship related to the field of software engineering.

Education:

Rose-Hulman Institute of Technology, Terre Haute, IN
Bachelor of Science, Software Engineering (ABET Accredited), May 2011
Concentration in **Computer Security and Artificial Intelligence**
GPA: 3.06 **Major GPA:** 3.70

Relevant Courses:

Object-Oriented Software Development, Data Structures and Algorithm Analysis, Computer Architecture, Operating Systems, Database Systems, Programming Language Concepts, Software Project Management, Software Requirements and Specifications, Computer Security, Software Architecture and Design

Qualifications:

- Extensive Programming experience in Java, C, Python, Ruby, Perl, Assembly, Enscript, Scheme, SQL, Haskell, Erlang, and Objective-J
- Proficient with Linux and Windows operating systems

Experience:

Trustwave – Information Security & Compliance, Chicago, IL
Forensics Lab Intern   **Summer 2007 & 2008**

- Assisted in developing scripts to parse logs such as Windows firewall, IIS, and Dr. Watson logs to allow for the rapid detection of malware on a client's system
- Wrote scripts to find credit card numbers on client systems, and determine which company had issued them for the purpose of determining if a client was standards compliant
- Assisted in the design of ActiveX controls to remotely analyze a client's system and image a client's RAM

Intern for the Signature Operations Team   **Summer 2009**

- Assisted in the development of code for a system used to detect software vulnerabilities on a client's system
- Designed XML tests for specific vulnerabilities including cross site scripting, SQL injection, and local file inclusion attacks

Activities:

- Rose-Hulman Varsity Tennis team
- Rose-Hulman Linux Users Group
- Rose-Hulman Web Development Interest Group
- Rose-Hulman Intramural Sports
- FIRST Robotics Mentor
- FIRST Robotics Graduate