Denis Kalic

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Education

B.S. Computer Science, May 2014
  Siena College, Loudonville, NY, 12211
  GPA: 3.60   Computer Science: 3.75

Skills

- Proficiency in Java, Python, and Perl
- Comfortable with C, C++, Shell, HTML/5, CSS/3, PHP, and JavaScript
- GUI and multithreaded programming in Java and Perl
- Web application development
- Very comfortable in Unix and Windows development environments

Relevant Experience

Software Engineer Intern, **Sixnet**, NY   **January 2013 – September 2013**
- Implemented programmatic firmware loading to a new automation device using Java
- Designed server-side Git plugins in Python that significantly improved detection of firmware build errors and enforced a strict coding standard
- Assisted in the development of embedded Linux software programmed in C
- Developed an automated testing infrastructure consisting of over 1000 test cases in Perl

Java and Python Tutor, **Siena College**   **August 2011 – December 2012**
- Tutored object-oriented design and programming to students in group and individual environments
- Helped students with debugging programs
- Taught students best practices and coding styles according to industry accepted standards

Research Assistant, **Siena College**   **May 2011 – September 2011**
- Programmed an information retrieval module that rated tweets based on social media relevance in Java
- Collaborated with a group in the development of an information retrieval system that returned relevant data from a corpus consisting of 16 million tweets
- Presented research at National Institute of Standards and Technology which was published in the paper *10 Weeks to TREC: Siena's Twitter Information Retrieval System*

Project Experience

- Created a java applet with a GUI implementation of the board game *Ticket-To-Ride*
- Designed robot to intelligently play *Tic-Tac-Toe* against a human opponent implemented in Python

Relevant Coursework

- Data Structures, Assembly Language and Computer Architecture, Object-Oriented Design and Programming, Analysis of Algorithms, Intro to Artificial Intelligence, Web Application Development, Robotics, and Software Engineering