Robert Kernan

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EDUCATION

Georgia Institute of Technology, Atlanta, GA   *Aug. 2010 - Aug. 2013*
Bachelor of Science in Computer Science
Focus in Information Internetworks and Platforms
Major GPA: 3.38

TECHNICAL SKILLS

Languages: C, C++, C#, Java, Python, Ruby

Systems: Windows 95/NT/XP/Vista/7/8, GNU/Linux, OSX

Software: Ant, Clang (LLVM), Eclipse, GNU Compiler Collection, Make, Visual Studio 2010/2012

EXPERIENCE

Southern Polytechnic State University, Marietta, GA   *May 2010 - July 2010*
Lab/Teaching Assistant for CSE 1302: Introduction to Data Structures

PROJECTS

Geopost   *June 2013 - Aug. 2013*
`https://github.com/spardue/geopost`
Designed and developed a REST API for creating geo-tagged content using Python. Collaborated to build an HTML5 front-end that displayed geo-tagged content on a map using the Google Maps Javascript API.

Massive Open Online Course (MOOC) Teaching Assistant Manager   *Jan. 2013 - April 2013*
`https://github.com/kernan/MOOC-TA-Management`
Collaborated to design and build a web application for testing and managing teaching assistants for MOOCs using Ruby on Rails; utilized Twitter Bootstrap to create a reactive front-end. Included a REST API for all functionality.

International Community School Joomla Intranet   *Mar. 2012 - May 2012*
Collaborate to modify and complete and intranet using Joomla that enabled teachers to communicate with students about assignments and upcoming events.

Parser Generator and Regular Expression Language Interpreter   *Nov. 2011 - Dec. 2011*
Created scanner, parser, and interpreter in Java for a regular expression language that could find, remove, and replace text patterns in a file. The scanner and parser tables were not language specific and could be generated by feeding the program a context-free grammar.

Course Manager   *May 2011 - July 2011*
Collaborated to create a web application using Grails that handled administrator, teacher, and student creating and course association. Personally designed and implemented all authentication and authorization systems in the application.