CODY MA

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EDUCATION

Brown University, BS in Comp. Sci., CS GPA: 3.4   Providence, RI | May 2016

Relevant Courses – Computer Systems in C and x86, Data Science, Discrete Structures and Probability, Systems Security, Object Oriented Programming in Scala and Javas

EXPERIENCE

AppNeta   Boston, MA | Summer 2014

Python and Javascript Developer
- Worked on the TraceView web application, which monitors the performance of other webapps
- Updated v2.0 of the TraceView REST API and developed v2.1 of the API in Python
- Created graphs in d3.js and tbone.js (a fork of backbone.js) for admins to monitor customers' usage of the TraceView web application
- Responsible for handling miscellaneous Github issues that were submitted by customers or raised by the support team

Blog Daily Herald   Providence, RI | Fall 2013 - Present

Web Developer
- Maintained and updated the BDH, a student-run blog at Brown built on a Wordpress framework
- Created a special feature page for Brown's 250th anniversary, built primarily using Javascript and jQuery

Brown University Computer Science Dept.   Providence, RI

Teaching Assistant (CS033)   Fall 2014
- Computer Systems in C and x86, Class Size: 200
- Taught students about the basics of C programiming including gdb, dynamic memory allocation, read/write locks, and multi-threading

Teaching Assistant (CS018)   Spring 2013
- Object Oriented Programming in Java and Scala, Class Size: 130
- Taught students about object-oriented design and reinforced functional programming skills

Teaching Assistant (CS017)   Fall 2013
- Functional Programming in Scheme and ML, Class Size: 160
- Introduced students to basic programming concepts such as recursion, higher order procedures, and informal analysis

TopMind   Shanghai, China | Summer 2013

Ruby on Rails Developer
- Responsible for developing the front and backend of a website that allows users to signup and register for courses
- Developed in Rails and worked extensively with Javascript, jQuery, Backbone.js, and MySQL

PROJECTS

Malloc, coded in C   November 2013
- Implemented versions of malloc, realloc, and free, the system calls used by C to dynamically allocate memory
- Stored all free blocks on the heap in a linked list in order to allow for faster and more efficient calls to malloc

RELEVANT SKILLS

Most experienced with: Python, Javascript, C, Ruby on Rails, Java, Linux
Knowedgable about: jQuery, HTML/CSS, Scala, OCaml, Scheme, MySQL, Bash
Learning: Go