

# Daniel Cox

<http://danielpcox.org>  
danielpcox@gmail.com  
412.532.6269

Current Address:  
3100 Saint Paul St. #213  
Baltimore, MD 21218

## Objective

A position in applied computer science research with a company seeking a record of superior innovation and accuracy in analysis, as well as leadership in its field, and a lasting, positive impact on society.

## Education

**Cornell University**, Bachelors of Science Computer Science  
Cumulative GPA: 3.27

08/2007 - 05/2011

## Relevant Coursework

Analysis of Algorithms, Operating Systems, Introduction to Analysis of Algorithms, Systems Programming, Introduction to Natural Language Processing, Introduction to Cognitive Science, Foundations of Artificial Intelligence, Practicum in AI, Introduction to Database Systems, Networks, Discrete Structures, Data Structures and Functional Programming, Introduction to Digital Logic Design, Object-Oriented Programming and Data Structures, Introduction to Computer Game Design, Information Systems and Analysis, Computational Methods for Management and Economics, Prove It (mathematical proof course).

## Technologies

Linux server administration and related technologies, Test-Driven Development, Continuous Integration, C, C#, Java, Ruby (and Rails), Python, Perl, R, MATLAB, OCaml, PHP, XHTML, CSS, Javascript, jQuery, Git, Subversion, MySQL and L<sup>A</sup>T<sub>E</sub>X.

## Experience

- **Web Application Programming Intern**, Desiring God, Minneapolis, MN Summer 2008/2009/2010
  - Collaborated with wide range of skill sets to port entire company website to Ruby on Rails, now live at [desiringgod.org](http://desiringgod.org).
  - Contributed to the database architecture and site planning, and developed significant portions of the (Ruby on Rails) back-end of the site.
- **Emergency Medical Technician**, BI Ambulance Association, Bainbridge Island, WA 06-08/2007
  - Formerly Certified Washington State EMT-B
  - Worked for private ambulance company BIAA caring for and transporting patients in emergency situations.
  - Work required well-developed interpersonal, diagnostics and treatment skills in dealing with all personality types in distress.
- **Server Devel. and Reports Programming Intern**, eAcceleration Corp., Poulsbo, WA 07/2004-10/2006
  - Wrote dashboards and developed reports scripts for company databases and migrated old reports scripts to current technologies.
  - Evaluated new technologies (such as Ruby on Rails) for potential future migration, reported findings to management.
- **Web Application Programmer**, What's For Dinner Kitchen, Poulsbo, WA 06-09/2006
  - Contracted alone for four months to design and build the ecommerce website of a startup meal-preparation business.
  - Worked closely with the owner at every stage of the process, including maintenance for some time after.

## Extra Curricular

- Active member and organizer of Cornell's chapter of Campus Crusade for Christ before graduation. Built [cornellcru.com](http://cornellcru.com), trained a group of underclassmen to replace me, mentored several younger students.
- Swing dance with Rooftop Mayhem and CU Swing, performed and tutored at events.