

Darin Pantley

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technical skills

Languages: C, C++, C#, Perl, Python

ActionScript, Java, JavaScript, MATLAB, MIPS, OCaml, PHP, Ruby, VB

OS: Linux, Windows

APIs: COM • DirectX • Django • Lemur • MySQL • NetworkX
.Net • NLTK • OpenCV • POSIX • Selenium • Win32

Markup: CSS, HTML, ~~LATEX~~, XML, YAML

Software: Bugzilla, GDB, Git, httpd, Office, Photoshop, SVN,
Review Board, Vim, VirtualBox, Visual Studio, vSphere

Hardware: cache coherency, compatibility, NUMA, rack-mounting,
RAID, switch configuration, water cooling

My Focus: clean design, fault-tolerance, performance, testing

activities

Chair of ACM Special Interest Group for Artificial Intelligence 2007 to 2010

Small Group Leader for Excel Campus Ministry 2008 to 2009

Mentor for FIRST Lego Robotics Team 2000 to 2006

projects

ACM MechMania (Python) 2009, 2010 chat bots (Perl/Python) 2003 – 2009

instant messenger client (C#) 2008 spaceship game (Visual Basic) 2006

education

University of Illinois at Urbana-Champaign 2006 to Present

Pursuing B.S. in Computer Science from College of Engineering

Specializations := {artificial intelligence, databases}

Rockwell Collins: Senior Capstone Project 2009 to 2010

Implemented computer vision algorithms in C for autonomous Roomba

employment

Member of Technical Staff at Riverbed Technology Feb. 2011

10 Gbps WAN optimization, load balancing, high availability to Present

Intern at Riverbed Technology Summer 2010

Investigated uses for VMware ESXi 4.1 networking technologies

Intern at Riverbed Technology Summer 2009

UDP packet capturing in C++ with Perl test cases and a Python CLI

QA Intern at Riverbed Technology Summer 2008

Automated cross-browser testing using Python and Selenium