

ADAM ALIX

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Availability:
July 2011

Education

Northeastern University, Boston, MA Fall 2008 - Present

College of Computer & Information Science

Candidate for a Bachelor of Science Degree in Computer Science Winter 2012

Related Courses: Systems & Networks, Programming Languages, Theory of Computation, Object Oriented Design, Computer Organization, Fundamentals of Computer Science 1 & 2, Logic and Computation, Discrete Structures

Tutoring: Fundamentals of Computer Science 1 Fall 2009 - Present

Mentoring: CCIS Fellow Fall 2010 - Present

Manchester Community College, Manchester, CT Spring 2008

Dean's & President's Lists Spring 2008

Related Courses: Introduction to MIS, Introduction to Programming with C++

Rockville High School, Rockville, CT Fall 2003 - Spring 2007

High Honors Awards, for excellence in academics. 2003 - 2007

Marching Band: Outstanding Soloist, Leadership, & Perfect Attendance Awards 2003 - 2007

Computer Knowledge

Languages: Clojure, Java (J2EE/Android), Racket, Python, SQL, MIPS Assembly, HTML, Objective-C

Systems: Mac OS X, Ubuntu/Linux, Microsoft Windows

Software: Android Developer Tools, Adobe Photoshop & Premiere, Emacs, Xcode, Eclipse

Work Experience

Software Engineer Intern, Intuit, San Diego, CA Spring 2011 - Summer 2011

Designed, implemented, documented, and tested Java web services to be consumed by internal teams. Main developer on Intuit MoneyCard Android application up through preparing for submission to the Android Marketplace. Rapidly developed customer facing web pages and helped implement email service for A/B testing.

Software Engineer Intern, RunKeeper, Boston, MA Summer 2010 - Fall 2010

Implemented analytical metrics deck for system admins to monitor product performance using JSP and Stripes framework. Designed and optimized PostgreSQL queries that scale well in a quickly growing environment.

Software Development Engineer Intern, Amazon, Seattle, WA Spring 2010 - Summer 2010

Managed a project from inception and implementation through deployment, while collaborating with other teams to assess the performance of software. Extended the Product Ad Team's targeting to include flavors of behavioral targeting. Proposed algorithms to extend and enhance the implemented behavioral targeting, and implemented additional similarities-based targeting logic.

SharePoint Developer & Business Analyst, Pfizer, New London, CT Summer 2009

Analyzed the business's structure and built internal web sites to facilitate the collaboration of business units. Collaborated as part of a team to design an algorithm to transform data reported from a database integration tool.

Systems Assembler, StopLift Checkout Vision Systems, Alewife, MA Spring 2009

Assembled company computers and performed imaging tasks to update system software. Wrote command line tools using C++ to pull video from hardware and write to disk using the SDKs from hardware providers.

Volunteer Experience

Bootstrap, Dorchester, MA Fall 2009 - Winter 2009

Planned and taught basic Computer Science lessons to middle school students aimed to enforce early adoption of algebra and problem solving skills through the PLT-Scheme, Dr. Scheme environment.

Interests

Running, Hiking, Mountain Biking Science Fiction Novels, Soccer, Alto Saxophone, & Jazz