

Bryan M. Leboff

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Summary

A skilled Computer Science student with a strong interest in software engineering and application development. Proficiencies include programming with C, C#, C++, Java, PHP, MySQL and MATLAB as well as the proven ability to learn new languages quickly and adapt with ease. Experienced with programming in a Windows or Linux/Unix environment.

Experience

Penn State Applied Research Lab, University Park, PA

October 2008 – Present

Student Research Assistant

Data Analysis (May 2009 – Present)

- Created a fully featured program in C for reading and analyzing large data sets
- Constructed MATLAB routines for producing informative and understandable presentations of data
- Participated in a team conducting a research project for the United States Navy.

GPU Performance (October 2008 – May 2009)

- Investigated performance of a graphics card on a Linux platform in performing signal processing routines
- Implemented code on the GPU, benchmarked performance, and compared with that of the native processor
- Developed code in C and C++ under the Linux operating system

Comcast Corporation, Philadelphia, PA

June 2007 – August 2007

IT Governance Intern

- Redesigned and organized a content management system to handle thousands of documents
- Worked with IT Governance team to help increase communication efficiency
- Created contact and requirements forms for submitting data easily and efficiently to the team
- Learned the methodology of developing and implementing a service oriented architecture

Education

The Pennsylvania State University

August 2006 – Present

Expected Graduation Date: May 2010

Cumulative GPA: 3.02

Relevant courses taken at Penn State include Intro and Intermediate C++, OOP with Java and Databases, Discrete Math for Computer Science, Artificial Intelligence, Numerical Analysis, Systems Programming, Computer Organization and Design, Data Structures and Algorithms, Operating Systems, Computer Networks, Software Design Methods, Theory of Computation, Programming Languages, Engineering Sciences and Calculus I, II, III.

Neshaminy High School

August 2003 – June 2006

Graduated June 2006

Activities

Pi Kappa Alpha Fraternity

August 2007 – Present

Web Chairman, Caterer, New Member Advisory Board

Omnifusionhosting.net

November 2005 – June 2009

Cofounded and operated a web hosting company