Armand Halbert

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EDUCATION

UNIVERSITY OF MASSACHUSETTS
MS in Computer Science
Amherst, MA
Cum. GPA: 3.54

UNIVERSITY OF TEXAS AT DALLAS
BS in Computer Science
May 2013 | Richardson, TX
Cum. GPA: 3.77
Cum Laude
Collegium V Honors

LINKS

Website: www.ahalbert.com
Github://ahalbert
Bitbucket://ahalbert
LinkedIn://armandhalbert

COURSEWORK

GRADUATE
Artificial Intelligence
Advanced Software Engineering
Natural Language Processing
Distributed Operating Systems
Databases
Compilers
Advanced Algorthim Design

SKILLS

PROGRAMMING LANGUAGES
Fluent:
Java • JavaScript • Python • LaTeX • C/C++ • PHP • Perl • HTML
Familiar:
Haskell • LISP • Ruby • SQL • MIPS

TECHNOLOGIES
Linux • Git • Mercurial • Django • Spring Framework • jQuery • Node.js • Postgres • MySQL • MATLAB

WORK EXPERIENCE

IBM Software Engineer
June 2015 – | Littleton, MA

Developed Features and Bug Fixes for Rational Software's Jazz Foundation in Java.

NATIONAL INSTITUTES OF HEALTH Researcher
May 2014 – Aug 2014 | Bethesda, MD

Developed statistical analysis software in Perl to compare the human and primate genomes.

SOFTLAYER Software Engineering Intern
May 2013 – Aug 2013 | Dallas, TX

Developed an event logging system for Softlayer's cloud systems in PHP using an internal ORM and framework.

UNITED AUTO WORKERS Developer
August 2014 – Ongoing Amherst, MA

Fixed bugs, tested and developed features in a PHP web application that managed the insurance plans of graduate employees.

SOCIALWARE Intern
Jun 2010 – Aug 2010 | Austin, TX

Fixed bugs, tested and developed features in a Java/Spring Framework web application that extended functionality of Facebook, Twitter, and LinkedIn.

RESEARCH

UNIVERSITY OF MASSACHUSETTS PROGRAMMING LANGUAGES AND SYSTEMS LABORATORY Sep 2013 – January 2015
Worked with Dr. Yuriy Brun to develop a web application frontend for Perfume, a tool which visualizes log files. Published.

UT DALLAS SOFTWARE ENGINEERING LABORATORY May 2012 – May 2013
Received a National Science Foundation grant to research Software Safety in the aerospace and defense industries under Dr. Eric Wong . Research evolved into an undergraduate thesis.

UT DALLAS SLINKER RESEARCH GROUP Jan 2012 – Dec 2012
Developed software in C++ for a device that automated experiments on OLED devices in the UTD Physics Department, under Dr. Slinker. Published.

AWARDS

2014 National Librarary of Medicine Intramural Research Traineeship Award
2013 UT Dallas Undergraduate Research Award
2012 NSF Undegraduate Research Award
2011 UT Dallas Academic Excellence Scholarship