

Armand Halbert

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EDUCATION

UNIVERSITY OF MASSACHUSETTS

MS in Computer Science

Expected May 2015 | Amherst, MA
Cum. GPA: 3.5

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
Distributed Operating Systems
Databases
Compilers
Advanced Algorithm Design

SKILLS

PROGRAMMING LANGUAGES

Fluent:

Java • JavaScript • Python
• \LaTeX • C/C++ • PHP
• Perl

Familiar:

Haskell • LISP • Ruby • SQL • MIPS

TECHNOLOGIES

Git • Mercurial • Django • Spring
Framework • jQuery • joint.js • Postgres
• MySQL

WORK EXPERIENCE

NATIONAL INSTITUTES OF HEALTH Researcher

May 2014 – Aug 2014 | Bethesda, MD

SOFTLAYER/IBM 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.

TIPPR Software Engineering Intern

May 2011 – Aug 2011 Austin, TX

Tested, developed features and fixed bugs in a Python/Django web application that provided customers with daily deals in their local area.

SOCIALWARE Intern

Jun 2010 – Aug 2010 | Austin, TX

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

RESEARCH

UNIVERSITY OF MASSACHUSETTS PROGRAMMING LANGUAGES AND SYSTEMS LABRATORY

Sep 2013 – Present

Worked with Dr. Yuriy Brun to develop a web application frontend for **Perfume**, a tool which visualizes log files. Publication submitted.

UT DALLAS SOFTWARE ENGINEERING LABRATORY

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 Library of Medicine Intramural Research Traineeship Award
2013 UT Dallas Undergraduate Research Award
2012 NSF Undergraduate Research Award