

# Armand Halbert

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## EDUCATION

### UNIVERSITY OF MASSACHUSETTS

MS in Computer Science  
Expected May 2015 | Amherst, MA  
Cum. GPA: 3.68

### 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](http://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 Algorithm Design

## SKILLS

### PROGRAMMING LANGUAGES

Fluent:

Java • JavaScript • Python  
•  $\text{\LaTeX}$  • C/C++ • PHP  
• Perl • HTML

Familiar:

Haskell • LISP • Ruby • SQL • MIPS

### TECHNOLOGIES

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

## WORK EXPERIENCE

### 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/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

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

### 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 – Present

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 Library of Medicine Intramural Research Traineeship Award  
2013 UT Dallas Undergraduate Research Award  
2012 NSF Undergraduate Research Award  
2011 UT Dallas Academic Excellence Scholarship