

## EDUCATION

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NORTHEASTERN UNIVERSITY, Boston, MA 2010 - PRESENT

Candidate for a Bachelor of Science in Computer Science, Minor in Chinese, May 2015

GPA: 3.7/4.0

Honors: Honors Program, Dean's List, National Merit Scholarship

Related Courses: Systems and Networks, Theory of Computation, Computer Organization,  
Logic and Computation, Discrete Structures, Object-Oriented Design

CONSERVE SCHOOL, Land O' Lakes, WI 2006 - 2010

GPA: 3.7/4.0

Honors: National Merit Finalist, RIT Computer Award,  
Headmaster's List, Dean's List

A.P. Courses: Computer Science, Chinese, Calculus, Biology

## TECHNICAL KNOWLEDGE

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Languages: Python, C, Java, SQL, JavaScript

Software: Django, Flask, Vim

## TECHNICAL EXPERIENCE

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SOFTWARE ENGINEER AND SYSTEMS ARCHITECT, C.it Solutions, Boston, MA Feb 2013 – Present

Design and implement system server infrastructure using Amazon's EC2 offering

Administer email, server access, web presence, and server security for company

Create API and backend for user storage and interaction system using Python and MySQL

Participate in user interface design discussions and work closely with mobile engineers

WEB ENGINEER, InsightSquared, Cambridge, MA Jan 2013 – Present

Design and develop new reports for a SaaS business intelligence product

Write python scripts that use partner REST and SOAP APIs to pull customer information

Create advanced datamodel scripts to transform data from partner models to standard model

FORENSIC SOFTWARE ENGINEER, Basis Technology, Cambridge, MA Jan 2012 – October 2012

Participate in ground-up creation of new Java desktop software application

Lead discussions regarding new and improved feature implementation

Push code multiple times daily to open source repository

[github.com/sleuthkit](https://github.com/sleuthkit)

TUTOR/GRADER, College of Computer and Information Science, Boston, MA FALL 2011

Selected by professor for position

Graded students' homework assignments on a weekly basis

Held office hours twice weekly to assist with homework and test preparation

## VOLUNTEER WORK

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TUTOR/MENTOR, Youth Development Initiative Project, Boston, MA Sept 2010 - PRESENT

Tutor high school students in math, science, and Chinese

## INTERESTS/ACTIVITIES

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unicycling | Chinese language | volunteering | traveling | photography | hiking

[flickr.com/photos/dick\\_fickling](https://www.flickr.com/photos/dick_fickling/)

[github.com/dickfickling](https://github.com/dickfickling)