

Brandon Chong

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Education

University of Illinois at Urbana-Champaign
Bachelor of Science in Computer Science

2013 – Present

Courses (* = ongoing):

ALL 100 and 200 Level Courses

Database Systems

Natural Language Processing*

Numerical Methods*

Data Mining*

Computer Security*

Algorithms

Machine Learning*

Web Programming

Development Skills

Programing Languages

Compiled: Java, C++, C#, C, Python

Web Development: HTML, CSS, Javascript and jQuery, PHP, SQL

Software, Frameworks, Miscellaneous

L^AT_EX, Visual Studio 2013, MEAN Stack (MongoDB, Express, AngularJS, Node.js), ASP.NET Framework 4.0 and MVC, Microsoft SQL Studio Management and PHPMyAdmin, Terminal and Command Prompt, GitHub and Subversion

Experience

Epic Systems Corporation

MADISON, WISCONSIN

Software Developer and Intern

May '15 – Aug '15

Allowed doctors to determine if the difference between patients is statistically significant

Extended Epic's HTML5 Canvas Graph API

Fused statistics with data visualization to provide critical information in a UI/UX friendly manner

NMSI, Inc.

LOS ANGELES, CALIFORNIA

Software Developer Intern

May '14 – Aug '14

Maintained a loan origination system for a wholesale mortgage company

Worked on an ASP.NET web application and used Visual Studio for the front end

Maintained a MS-SQL database as well as a windows server host

Provided I.T. assistance

University of Illinois at Urbana-Champaign

URBANA-CHAMPAIGN, ILLINOIS

CS 241, CS 173, and CS 125 Teaching Assistant

Aug '14 – Present

Projects

Cheating Detector for Programming Courses

JAN '15 – PRESENT

Measures the similarity between all students code for every assignment past and present

Allows users to easily review /compare suspected matches and report them

Automated Software Testing Infrastructure for Programming Courses

JAN '15 – PRESENT

Eliminates the need for assignment writers to develop their own testing scripts

Allows all course to grade assignments just by creating a configuration file and unit tests

Github Wikibook to PDF Converter

JAN '15 – AUG'15

Converts the CS 241 Wikibook into a pdf that gets published into a physical booke

Automatic Course Registration Program

DEC '14

Monitors UIUC courses and automatically registers students when a slot opens up

Last update on August 3, 2015

Please refer to my [Website](http://www.brandonchong.net) for a more detailed explanation of my experiences and projects along with some live demos.

www.brandonchong.net