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	Numerical Methods*	Algorithms
Database Systems	Data Mining*	Machine Learning*
Natural Language Processing*	Computer Security*	Web Programming

Development Skills

Programing Languages

Complied: Java, C++, C#, C, Python

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

Software, Frameworks, Miscellaneous

LaTeX, 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 courses to grade their 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 book

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 for a more detailed explanation of my experiences and projects along with some live demos.

www.brandonchong.net