

Vincent Hu

PO Box 200461, New Haven, CT 06520-0461
vincent.hu@yale.edu | (301) 920-4663

EDUCATION

Yale University

Bachelor of Science in Electrical Engineering and Computer Science

GPA: 3.55 SAT: 2330 (Math: 800 Critical Reading: 800 Writing: 730)

Awards: Richard U. Light Fellowship, 2011 Harvard-Beijing Academy Summer Language Program

Relevant Coursework: Computer Networks, Parallel Programming, Algorithm Analysis, Digital Systems, Systems Programming and Computer Organization, Data Structures, Discrete Math, Information Science

New Haven, CT

Expected May 2014

Winston Churchill High School

High School Diploma

Potomac, MD

June 2010

WORK EXPERIENCE

ZocDoc, Inc.

Software Engineering Intern

New York, NY

May 2013 – August 2013

- Designed a web app to simplify the management of Spotfire internal business reports
 - Worked closely with company executives and created tool for non-developers to quickly sort, assign, and administrate reports
 - Wrote easily maintainable backend code following the service-repository-persistence layering pattern
 - Built a RESTful MVC frontend using Backbone.js with Mustache templates
 - Strengthened C# code with 70+ daily run unit tests and Selenium tests

Deltek, Inc.

Information Solutions Intern

Herndon, VA

May 2012 – August 2012

- Developed .NET applications to expedite the GovWin IQ database re-architecture project
 - Self-taught .NET, SQL, and regular expressions to implement a more efficient and standardized data extraction process
 - Reduced 30-hour workload to 6 hours through automated integration of Excel and MS SQL via C#
 - Revealed weaknesses in GovWin IQ's 4000-table database by performing query-by-query analysis
 - Wrote detailed documentation allowing applications to be used and maintained by other employees

TEAM & LEADERSHIP EXPERIENCE

Yale Daily News Business

Director of Technology, former Account Executive

New Haven, CT

2011 – Present

- Created new online development department to support YDN tech initiatives, such as iOS apps, a streamlined online payment method for advertisements, and an online student bulletin board
 - Plan and redesign YDN iPhone app interface to be more user-friendly and increase functionality
 - Manage developer subgroups through weekly meetings to work on projects simultaneously
- Brought in \$3,122 of ad revenue from restaurants and clothing stores in New Haven, exceeding quotas and becoming one of the most successful account executives of the year

Yale Formula Hybrid Racing Team

Electrical Team Programmer

New Haven, CT

September 2011 – September 2012

- Modeled racecar using MATLAB to test vehicle in various simulated environmental conditions
- Partnered in installing and programming Arduino microcontroller, the central control unit of the car
- Responsible for programming system designed to output total car energy level to dashboard

TECHNICAL SKILLS

Programming: C#, Java, C, Objective-C, Python, SQL, Scheme, MATLAB, Regex, Selenium

Web Design: ASP.NET, HTML, CSS, Javascript/JQuery (with Backbone.js), PHP

IDEs: Visual Studio, Eclipse, Xcode, MonoDevelop

Operating Systems: Windows 7, Mac OS X Lion, iOS 5, openSUSE Linux

Database Systems: MS SQL Server, MS Access

Other Software: Xilinx ISE (FPGA programming), Adobe Photoshop, Sibelius 6 (music composition)

OTHER SKILLS & ACTIVITIES

Languages: Fluent in Mandarin Chinese: HSK Chinese Proficiency Test Advanced Level 10, Proficient in Spanish

Activities: Yale Robotics Team, Taekwondo (*First Degree Black Belt*), Maryland All-State Orchestra (*First Violinist*),

Yale Precision Marching Band (*Percussion*)