

Victor Chao

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EDUCATION

Tufts University School of Engineering

Bachelor of Science in Computer Science & Economics in May 2016

SKILLS

C, C++, C#, Python, Java, JavaScript, Node.js, ASP.NET, MVC, SQL, NoSQL, MongoDB, Git, Subversion, MatLab, UNIX/Linux

COURSES AND PROJECTS

Courses: Operating Systems, Networks, Distributed Computing, Machine Architecture, Algorithms, Machine Learning, Natural Language Processing, Computation Theory, Programming Languages, Web Programming, Electrical Systems, Digital Logic Circuits, Product Development, Engineering Leadership

Projects: FuelMeUp: Created a web app that finds cheap gas based on location, car type, and other factors
Phongo (Open-ended): Create a web app for restaurant mobile payment and ordering
FlyingSquid (Ongoing): Implement distributed, cloud-based cache storage and content-aware compression algorithm on Apache Traffic Server to expedite content delivery and reduce client data usage

WORK EXPERIENCE

Epic Systems Corporation, Verona, WI

Software Development Intern

Jun. 2015 – Aug. 2015

- ♦ Designed and implemented interactive application for hospital staff to manage and troubleshoot hardware devices
- ♦ Provided map visualization and capability-based visual filters for existing printer selection and printout tracking utilities
- ♦ Integrated application with two inpatient and outpatient unit map projects to expedite hospital implementation process

Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI), Boston, MA

Software Engineering Intern

May 2014 – Aug. 2014

- ♦ Re-engineered corporate site's content management system to enable dynamic content population
- ♦ Developed user management system permitting user registration, login, and communication to promote dialogue in water research community and beyond

Tufts University Department of Computer Science, Medford, MA

Teaching Assistant

Sep. 2013 – May 2014

- ♦ Guided over 30 students in completing hands-on labs and offered extra support during office hours
- ♦ Assessed student performance on homework assignments, projects, and exams

Pitotech Co., Ltd., Changhua, Taiwan

Software Testing Intern

May 2013 – Jun. 2013

- ♦ Performed functional tests on simulation software which models manufacturing, logistics, and service processes
- ♦ Translated a 600-page instructional manual pertaining to the software from English to Mandarin Chinese