

Dennis J. Chen

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Education

Tufts University
Medford, MA

Major B.A., Computer Science

Minor Economics

GPA 3.38

Coursework Data Structures, Computer Networks, Operating Systems, Machine Structure and Assembly Language Programming, Computer Security, Web Programming, Programming Languages, Discrete Mathematics, Algorithms, Computational Theory

Activities Tufts University Radical Breakdancing Organization, Taiwanese Association of Students at Tufts

Leadership Co-President, Taiwanese Association of Students at Tufts
Resident Assistant 2012-2014

Experience

International Business Machines (IBM), Software Developer Intern, May-August 2014

- Worked with a team on overhauling IBM Emptoris' Login workflows
- Coordinated the intern presentation for IBM Managers and Executives
- Worked with AngularJS, Grunt, Bootstrap and REST APIs to design and develop a responsive and mobile-first page for IBM customers to fully customize
- Participated in code reviews and daily scrum meetings

MIT Lincoln Laboratory, Summer Intern, June-August 2013

- Contributed to the Cyber Systems and Technology group with a team
- Worked on DARPA's CRASH Project to investigate and assess two new programming languages (Breeze and HAILS) and their use of information flow control (IFC)
- Co-drafted the paper *You Sank My Battleship* that was submitted to the *Programming Languages and Analysis for Security Workshop* (PLAS 2014)
- Designed and implemented several example applications with security policies

Actifio, Software Developer Intern, June-July 2012

- Created an API that allowed different programs to update individual object fields

Tufts University Department of Computer Science, September 2013-Present

Teaching Assistant: Introduction to Computer Science

- Graded programming projects, held office hours and aided lab classes

Projects

ARI iPhone Application, Co-founder and developer, August 2013-Present

- Worked with a surgeon at Mass. General Hospital to develop an iOS Application
- Built the algorithm behind ARI
- Assembled the ARI prototype using Titanium Studio
- Application to be beta-tested by 10 medical students and used in a PhD study

Skills

Languages C, C++, HTML, CSS, JavaScript

Tools Latex, Git, Bootstrap, AngularJS, Linux, Titanium Studio, REST