Jeffrey Tao

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http://jefftao.com/   http://github.com/speculative

Objective:

I am seeking full-time employment in software engineering with specific interest in systems programming and back-end web development.

Skills:

Software Development: Python, C, C#, Java, C++, git, GNU/Linux
Web Development: Javascript, Flask, Service Worker, HTML5 Canvas, MongoDB, MySQL, PHP
Familiarity with: Linux kernel, node.js & MEAN stack, UML
Able and willing to learn and apply new programming languages and technologies quickly
Nontechnical Skills: Strong Verbal/Communicational/Presentational skills, Leadership experience, Self-starter, Able to work independently, Experience with working with teams, Frontend web design & usability

Education:

Columbia University– Computer Engineering, Senior – Anticipated Graduation May 2016

Overall GPA – 3.5

Relevant Coursework: Object Oriented Programming and Design, Data Structures & Algorithms, Operating Systems, Computer Networks, Programming Languages & Translators

Anticipated Senior Year coursework: Security Architecture & Engineering, Malware Reverse-Engineering, Networking Laboratory, Computational Aspects of Robotics

Extracurricular interests:

President, Columbia IEEE (2015-2016) (Vice President 2014-2015)

Frequent hackathon attendance, including two award-winning projects

MAKECU hardware hackathon planning committee member

Science and Engineering Learning Center – Manalapan High School – Graduated June 2012

Experience:

Microsoft Internship (May 2015 – August 2015)
Title: Outlook Server Engineering Intern
C#, Javascript, Service Worker
Design and implementation of a feature based around service worker to minimize client network requests and improve offline behavior

Red Hat Internship (May 2014 – August 2014)
Title: RHEL Kernel Engineering Intern
Kernel engineering internship involving testing for checkpoint/restore feature for viability in RHEL

Red Hat Internship (May 2013 – August 2013)
Title: RHEL Software Engineering Intern
Python, PHP, jQuery, Bootstrap, SQLite
Prototyped a GUI for a cgroups management tool (PyGTK); Developed a web interface for a kernel tuning tool

Senior Design Projects (January 2012 – June 2012)
Python
Computer Interfacing: Worked in a team of 3 to create a wireless inertial controller for 3-Dimensional positional input to a computer
Contributions: wireless protocol for communicating positional data, software for visualization of positional control

Senior Design Projects (September 2011 – January 2012)
Python
Robotics: Worked in a team of 3 to create a mobile, remotely controlled robot
Contributions: interface software for remote control of robot from a laptop over wireless network
Was presented to IEEE Jersey Coast section and received Science & Engineering Student Achievement Award

Interests:

Web standards (HTML5/ECMAScript), design, and development; Operating systems; Open Source Software