Nicholas C. Jiang

EDUCATION

Princeton University | Princeton, NJ | 2014 – 2018
B.S.E. Computer Science Major, GPA: 3.9
Shapiro Prize for Academic Excellence (2016)
Coursework includes: Data Structures & Algorithms; Systems Programming; Functional Programming; Computer Graphics; Computer Networks; Discrete Mathematics; Advanced Vector Calculus; Advanced Linear Algebra

Milton Academy | Milton, MA | 2010 - 2014
Cum Laude Society; Duncan Prize for Mathematics; Science Prize; National Merit Finalist
SAT I (Reading, Math, Writing): 800, 800, 800
SAT II: Chemistry: 800, Mathematics Level 2: 800, Mathematics Level 1: 800

EXPERIENCE

Stroz Friedberg | *Cyber Summer Associate* | Boston, MA | Summer 2016
Worked for Stroz Friedberg, a cybersecurity consulting and risk management firm. Developed proprietary code comparison software for use in intellectual property litigation cases. Researched technical patents and prior art and created tutorials to explain the underlying technologies.

Princeton University | *Computer Science Lab TA* | Princeton, NJ | Jan 2016 - Present
Hosted weekly lab TA hours for students in the Introduction to Computer Science, Systems Programming, and Data Structures & Algorithms classes. Provided technical help in tackling programming assignments and conceptual assistance in understanding course topics.

CIeNET Technologies | *Android Developer - Summer Intern* | Santa Clara, CA | Summer 2015
Interned for CIeNET Technologies in collaboration with Magnet Systems as a developer to learn, implement, and review the Android side of their in-development mobile communications API.

PROJECTS

Pic2Paint | COS 426: Computer Graphics | May 2016
Final project that renders pictures in painted styles inspired by a variety of artistic movements. Built upon the framework provided by earlier assignments and based on techniques published in Aar on Hertzmann's paper, *Painterly Rendering with Curved Brush Strokes of Multiple Sizes*.

Kweri | COS 333: Advanced Programming Techniques | Spring 2016
Web application built with Meteor, focused on providing streamlined communication between students and professors in the classroom. Personally implemented much of the application logic, database structure, and UI design.

Free-Space | HackPrinceton | Apr 2016
Winner of the Best Internet of Things Hack Prize
Meteor web application that uses modular sensors to deliver real-time information about the availability of study carrels, music practice rooms, and more around campus. Personally focused on the software components, implementing the web layout, underlying logic, and database design.

SKILLS

Languages: Java, C, JavaScript, HTML and CSS, Python, OCaml
Other: Experience with Git, x86-64 Assembly, Meteor, Android

CONTACT

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