

# Nicholas C. Jiang

## EDUCATION

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**Princeton University** | Princeton, NJ | 2014 – 2018

*B.S.E. Computer Science Major, GPA: 3.9*

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

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**Stroz Friedberg** | *Cyber Summer Associate* | Boston, MA | Summer 2016

Worked for Stroz Friedberg, a cybersecurity consulting and risk management firm. Developed and extended proprietary 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.

**CleNET Technologies** | *Android Developer - Summer Intern* | Santa Clara, CA | Summer 2015

Interned for CleNET 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

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**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 Aaron 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

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**Languages:** Java, C, JavaScript, HTML and CSS, Python, OCaml

**Other:** Experience with x86-64 Assembly, Meteor, Android

## CONTACT

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