Nicholas J Dupoux
njdupoux@stanford.edu

(904)654-1952
Github: **github.com/njdup**
LinkedIn: **linkedin.com/in/nicholasdupoux**

EDUCATION

Stanford University
Computer Science, GPA 3.64
Expected June 2016

Relevant Coursework
Algorithms, Computer Organization and Systems, Web Applications, Principles of Computer Systems, Intro to Probability for CS, Intro to AI, Networking, Cryptography, Computer and Network Security

EXPERIENCE

Software Engineering Intern   Summer 2015
Shape Security
• Worked on the platform and transformation teams, helping to build a cutting edge cybersecurity product.
• Built internal tools for developing security countermeasures and deploying key software components.
• Worked with Python, Javascript, Go, Saltstack, and React.js

CS106 Section Leader   Dec 2013 - present
Stanford University
• Member of the Stanford CS198 Program
• Lead weekly section of 10 students for Stanford's introductory computer science courses, CS106A and B
• Responsible for grading assignments and exams
• Aid students in debugging their assignments

Software Developer   June 2014 - Dec 2014
Stanford Open edX
• Core contributor to the edX platform, a massively open online course provider
• Developed features used by hundreds of thousands of users worldwide
• Tech used included Python + Django, MongoDB, MySQL, jQuery, and Coffeescript

Officer   Sept 2013 - Spring 2014
Business Association of Stanford Entrepreneurial Students (BASES)
• Member of SVI Hackspace team within BASES
• Responsible for event organization and planning including the 2014 Stanford vs. Cal Big Hack Hackathon

AWARDS

President's Award for Academic Excellence in the Freshman Year
Given to the top 3% of students in the Class of 2016 during freshman year.

KPCB Engineering Fellowship 2015
Given the honor of being a KPCB fellow during the summer of 2015. The fellowship includes working at a KPCB portfolio company while learning from executives of others.

Software Developer   Sept 2014 - present
Stanford Virtual Human Interaction Lab
• Develop immersive virtual worlds and simulations for use in social experiments run in the most advanced virtual reality laboratory in the world
• Tech used includes the Oculus DK2 and Python virtual reality development packages

SKILLS && PROJECTS

Highly Skilled & Proficient: Python, Javascript
Proficient: Go
Prior Experience: Ruby, C, Java, C++
Tech: git, node.js, django, flask, mongoDB, SQL, React.js, elasticsearch, kafka, AWS

PROJECTS

• **Serve (TreeHacks 2015)** - A platform for developers to host scripts in the cloud and execute them via text. Built in 36 hours at TreeHacks 2015, using node.js, mongoDB, Twilio, and Python. Placed in the top 8.
• **SheSays (DubHacks 2014 && AngelHacks 2014)** - An anonymous rate and review site for women in technology to comment on the workplace culture of companies. Built in 24 hours at DubHacks, and presented at AngelHacks Demo Day. Built with Python + Django. Won best use of Sendgrid.
• **Personal note-taking system** - built and currently expanding with features such as rendering of markdown files into html and automatic generation of a table of contents page. Written in Python and JS.
• **WakeupCall -** utility to keep track of which members of a group chat are asleep/awake + send wakeup alerts. Written in Go and built on top of Twilio.