

EDUCATION

- Stanford University (Computer Science)** 2014 - 2018
- Coursework: Computer and Information Security; Mathematical Foundations in Computing; Programming Abstractions; Standard C++ Programming Lab; Linear Algebra; Web Applications; Entrepreneurial Thought Leaders
- Freehold High School GPA: 4.0** 2010 - 2014
- Columbia University: Number Theory, Genetics and Biodiversity, Neuroscience, Graph Theory
 - Rank:** 1st out of 416; **ACT:** 36 out of 36

SKILLS

Languages	Software
Java, Python, Javascript, PL/SQL, ColdFusion, C++	Eclipse, Kinect API, Unity3D, Android API, Git

EXPERIENCE

- theCoderSchool Palo Alto | Code Coach** 1/2015 - present
- One-on-one code coaching in C++, JavaScript, Python, with students from elementary to high school level.
- Stanford University: Defining Metropolitan Areas | Research Assistant** 12/2014 - present
- Analyzing current definition laid out by the US Office of Management and Budget using hierarchical clustering
 - JavaScript, R, d3.js
- Fidelity National Information Services | Software Developer Intern** 4/2014 - 9/2014
- Major responsibilities: programming security utilities, writing database upgrade scripts, and web app enhancements
 - Oracle PL/SQL, Java, JSPs, JDBC API; familiar with version control and issue tracking systems
- iSoftStone, Inc. | Quality Engineer (Contractor)** 6/2013 – 8/2013
- Wrote workflows and Python scripts to generate test cases for an audio command-based phone application

HONORS

- Google Code-In Grand Prize Winner (International) | Programming competition** 2012
- Collaborated with open-source org to work on Sahana Eden, a web-based disaster management system in Python
- eBay Opportunity Hack 2nd Place (Bay Area) | eBay corporate hackathon** 9/2014
- Open-source integrated QR code system to manage delivery for Family Giving Tree.
 - Technologies: Ruby on Rails, jQuery, Haml, Pusher API
- TreeHacks 2nd Place (National) | Stanford University hackathon** 9/2014
- Intuitive, browser-based app for 3D modeling with simple hand gestures in virtual reality
 - Technologies: Ruby on Rails, JavaScript, Myo armband, Oculus Rift, Leap Motion, WebGL
- Generation Google Scholar (International) | Google scholarship program for Computer Science** 2014
- As part of the scholarship, I also attended Google Computer Science Summer Institute at Google's Seattle office

PERSONAL PROJECTS

- Kinect Electronic Travel Aid for the Visually Impaired | Independent** 2012 - 2014
- Honors:** 2014 Intel Science Talent Search Semifinalist (*National*); 1st Place Engineering at Jersey Shore Science Fair and IEEE Scholarship (*State*); Monmouth Junior Science Symposium Paper Presenter (*State*)
 - Technologies: C#, Visual Studio, and the Kinect API.
- Dynawheel Stroke Rehabilitation with Android Applications | Rutgers University** 6/2013 - 7/2013
- Developed Android apps for stroke rehab and tested with patients at the JFK Rehabilitation Clinic
- Tropical Storm Sandy Disaster Canvassing Tool | Sahana Software Foundation** 3/2013 - 5/2013
- Led a project to improve an open-source disaster surveying tool for Sandy relief organizations
 - Technologies: Python, SQL, JavaScript, Git