

Tinya Cheng

<http://www.tinyacheng.com>

NOTE: For a copy of the **full** resume with contact information, please request it using the contact form on <http://www.tinyacheng.com>

Skills:

- *Certifications:* CCNP (Cisco Certified Network Professional); CCNA (Cisco Certified Network Associate)
- *Networking:* Cisco IOS, Cisco NX-OS, and Routing & Switching.
- *Engineering:* Signals, Circuit/logic design, Robotics, and building personal computers.
- *Software:* Microsoft Visual Studio, Eclipse, Cadence OrCAD/PSpice, MATLAB, and Maple.
- *Programming Languages:* C++ and Java.
- Studying for Cisco Certified Network Associate Voice.

Education:

Rensselaer Polytechnic Institute, Troy, NY
B.S. Computer & Systems Engineering

Expected Graduation: May 2013

Relevant Experience:

Cisco Networking Academy – Rensselaer Polytechnic Institute, Troy, NY
Teacher Assistant

August 2012-Present

- Advise students in Networking Lab I/II and Voice Lab, covering CCNA, CCNP, and CCNA Voice certifications.

Cisco Systems, Boxborough, MA

Customer Advocacy Lab Operations (CALO) Co-Opportunity

January-August 2012

- Recreated customer network topologies with Layer 2 and 3 connectivity in a lab environment for the Technical Assistance Center (TAC) and Advanced Services (AS) organizations.
- Timely resolution of cases in accordance with the Service Level Agreement.
- Provided peer training and mentoring for CCNA certification and laboratory operations.
- Maintained laboratory infrastructure, hardware, inventory, and policies.

Sixnet – Headquarters, Ballston Lake, NY

Intern – Test Engineering

Summer 2011

- Developed production code for the functional testing of products.
- Designed, documented, and maintained production test procedures.
- Final testing, configuration, and repair of manufactured goods in accordance with established procedures, specifications, and test protocols.

Autonomous Robotic Platform, Engineering Design at Rensselaer Polytechnic Institute

Fall 2010

- Designed, built, and presented an autonomous mobile robotic platform to assist in moving objects for the wheelchair bound, based on feedback from a local nursing home.
- Project Lead for team of seven; supervised overall design and development; individually designed and delivered circuit subsystem of the robotic platform.

iD Tech Camps, internalDrive, Inc., Villanova University, PA

Lead Instructor – Programming and Robotics

Summer 2009 & 2010

- Promoted to Lead Instructor in 2010; supervised nine instructors.

Leadership, Honors, Awards, and Activities:

Office Manager for the Ski & Snowboard Club at Rensselaer Polytechnic Institute

Spring 2010-Present

Minor Planet 25020, Tinyacheng (Award from Intel International Science and Engineering Fair)

2008