**H**

**ISTORY**

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**DUCATION**

**WORK**

08/2014

05/2012

08/2013

12/2012

**SKILLS**

**E**

2015

2013

08/2012

05/2014

06/2013

**HAOCHEN WANG**

303 Eastwood Boulevard, Centereach, NY 11720

Cell: 6318802815 - hcallen.wang@gmail.com

**Embedded software engineer**  
***Sensor CAT lab*** –*Stony Brook*

Designed and implemented a color composition detection and estimation system using C++ in  
accordance to industrial standard for a commercial company.  
Performed in-depth electrical acceptance testing of completed hardware, including  
continuity and high potential isolation testing.  
Continually improved methods and procedures for processes, measurement, documenting  
and work flow techniques.

**Software engineer**  
***Innovation Camp*** –*Shanghai*, *China*

Worked as back-end programmer using Django/JSON developing web and mobile applications.  
Wrote maintainable and extensible code in a team environment.  
Worked closely with other team members to plan, design and develop robust solutions in a  
timely manner.

**Graduate teaching assistant**  
***Stony Brook University*** –*Stony Brook*, *NY*

Successfully improved student participation in the classroom through integration of creative  
role-playing exercises.  
Helped instructor grade exam papers, teach in lab sessions and spend extra time to answer  
students' questions.  
Collaborated with a team of other TAs to develop after-school tutorial program for students  
in need of extra help.

**Research Assistant**  
***National computer network research lab.*** –*Beijing*, *China*

Research topic in Named Data Networks (NDN), majorly support quantitative work with data sets.  
Perform validation and testing of engineering models to ensure adequacy and reformulate  
models as necessary.  
Develop and write research reports.

C, C++ Matlab  
Java, Javascript VHDL  
Python, Django Eagle PCB  
Linux HTML /CSS  
SQL

Data Mining

**Master of Science**: **Electrical engineering**  
***Stony Brook University*** - *Stony Brook*, *NY*

Coursework in Algorithm and Data Mining.

GPA: 3.8/4.0, emphasis in software development.

**Bachelor of Science**: **Computer engineering**  
***Beijing University of Posts and Telecommunications*** - *Beijing*, *China*

Top 20% of class, GPA: 3.5/4.0.