

# DAN YOUNG SHI

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1600 Grand Avenue  
Saint Paul, MN 55105

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## WORK EXPERIENCE

### Procter and Gamble

*R&D Intern*

Cincinnati, OH

May 2014 – August 2014

- Investigated and developed color management technologies for key business applications at Procter and Gamble Baby Care Process and Engineering.

### University of Cincinnati

*Research Assistant*

Cincinnati, OH

May 2013 – August 2013

- Constructed a data acquisition system that simultaneously collected image and sensor data via LabVIEW at the Combustion Lab, a joint venture between the UC Cincinnati Aerospace Engineering Dept. and GE Aviation.

*Research Assistant*

May 2012 – August 2012

- Collaborated with researchers to synthesize and characterize nanoparticles for cancer therapy research at the UC Physics Dept.

### Macalester College

*Academic Tutor*

Saint Paul, MN

August 2013 – Present

- Tutor physics and mathematics students at the Macalester Academic Excellence Center and Physics Dept.

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## EDUCATION

### Macalester College

Bachelor of Arts, Physics & Computer Science  
Cumulative GPA: 3.30

St. Paul, Minnesota

August 2011 – May 2015

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## PROJECTS

### Blubz

*Android Development*

Saint Paul, MN

January 2014 – May 2014

I worked with a four person team to develop an interactive journal application on Android OS. My primary responsibility was programming the camera functionality and implementing the image content.

### Mac Man

*Web Development*

Saint Paul, MN

August 2014 – Present

I worked with a three person team to develop a Macalester themed Pac Man game as a web application. My particular role was to develop and implement the web layouts and handle team management responsibilities.

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## SKILLS

**Computer Languages:** Java, Python, C, Assembly, HTML, CSS, JavaScript, Node.js

**Operating Systems:** Windows, Android OS

**Other:** Mathematica, Adobe Photoshop, NI LabVIEW, NI Vision, SolidWorks, MATLAB, i1Profiler, GIS RIP

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## ACTIVITIES

### NCAA DIII Athlete

Golfer and Captain, Macalester College

August 2011-Present

### Minnesota Special Olympics

Volunteer, St. Paul, Minnesota

August 2011-Present

### Student Athlete Advisory Committee

Representative, Macalester College

February 2013-May 2014