

# DAN YOUNG SHI

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## WORK EXPERIENCE

### Procter and Gamble

*Test Engineer*

Cincinnati, OH

August 2015 – Present

- Manufacturing process leader for Procter and Gamble's Baby Care business
- Engaged in developing data collection and machine vision systems to enhance quality assurance workflows
- Responsible of control and information systems support for the downstream manufacturing organization

### Procter and Gamble

*R&D Intern*

Cincinnati, OH

Summer 2014

- Leveraged various color management capabilities to enable new technologies for key business applications

### University of Cincinnati

*Research Assistant*

Cincinnati, OH

Summer 2013

- Constructed a LABVIEW data acquisition system that simultaneously collected image and sensor data for fire testing

*Research Assistant*

Summer 2012

- Investigated the possibility to utilize polymer coated iron oxide nanoparticles for targeted tumor therapy

### Macalester College

*Academic Tutor*

Saint Paul, MN

August 2013 – May 2015

- Tutor of physics and mathematics at the Macalester Academic Excellence Center

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## EDUCATION

### Macalester College

Bachelor of Arts, Computer Science & Physics

Cumulative GPA: 3.25

Saint Paul, Minnesota

August 2011 – May 2015

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## PROJECTS

### Blubz

*Android Development*

Saint Paul, Minnesota

Spring 2014

Published an interactive journal application on Android OS. My primary contribution was implementing the camera functionality and to create effective image content handlers. The application can be found on the Google Play Store:

<https://play.google.com/store/apps/details?id=com.swagappsincorporated.blubz>.

### Mac Man

*Web Development*

Saint Paul, Minnesota

Fall 2014

Developed a Macalester themed Pac Man game as a web application. My role was to create web layouts and organizational team management. The project can be found here: [http://danyshi.github.io/mac\\_man/index.html](http://danyshi.github.io/mac_man/index.html).

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## SKILLS

**Computer Languages:** Java, Python, C++, C#, C, HTML, CSS, JavaScript, RSLogix, MATLAB, NI LabVIEW

**Technical:** Machine Vision, Android, .NET, Control Systems, Mandarin Chinese, VBAI, CAD, Color Management

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## LEADERSHIP

NCAA DIII Athlete

Minnesota Special Olympics

Golfer and Captain, Macalester College

Volunteer, St. Paul, Minnesota

August 2011-May 2015

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