

DAN YOUNG SHI

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1600 Grand Avenue
Saint Paul, MN 55105

WORK EXPERIENCE

Procter and Gamble

R&D Intern

Cincinnati, OH

Summer 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

Summer 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

Summer 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.

EDUCATION

Macalester College

Bachelor of Arts, Physics & Computer Science

Cumulative GPA: 3.25

Saint Paul, Minnesota

August 2011 – May 2015

PROJECTS

Blubz

Android Development

Saint Paul, Minnesota

Spring 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. 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

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. The project can be found here: http://danyshi.github.io/mac_man/index.html.

SKILLS

Computer Languages: Java, Python, C++, C, HTML, CSS, JavaScript

Operating Systems: Windows, Android

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

ACTIVITIES

NCAA DIII Athlete

Golfer and Captain, Macalester College

August 2011-May 2015

Minnesota Special Olympics

Volunteer, St. Paul, Minnesota

August 2011-May 2015

Student Athlete Advisory Committee

Representative, Macalester College

February 2013-May 2014