

SHARAN ARKALGUD

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EDUCATION

University of Illinois at Urbana-Champaign (Expected May 2019):

- B.S. Computer Science
- GPA: 4.00/4.00

TECHNICAL EXPERIENCE

Interned at National Institute for Standards and Technology a part of the Department of Commerce (Gaithersburg MD, June 2014- August 2014):

- Assisted on OOF2: A program that run simulated tests on industrial materials used on space shuttle, trains, and planes. Program currently used at institutes around the world
- Optimized and Built algorithm to detect unique regions in images of crystalline structures produced through electron backscattered chromatography

Attended MoDev 2013 Conference for mobile development (Tysons Corner VA, April 2013):

- Learned about building mobile applications on a multitude of platforms and how to making them appealing to the end users

Attended MAX(Mid Atlantic Crossroads) seminar (College Park MD, July 2013- July 2013):

- Learned about basic computer networks and how the world wide web works
- Gained experience using WireShark to monitor computer networks

TEACHING EXPERIENCE

Taught Public Speaking and Debate to middle and elementary school students (Herndon VA, June 2012- July 2012)

Taught AP Computer Science to High School Students (Herndon VA, June 2013- July 2013)

Taught Computer Science and Precalculus to Rising High School Students (Herndon VA, July 2015- August 2015)

ACHIEVEMENTS

Won top mobile app at Hack-TJ (Alexandria VA, March 2013):

- Built mobile game name Fish Dish using Lua mobile platform.

Eagle Scout (May 2015):

- Highest rank in Boy Scouts of America
- Completed over 200 hours of community service to plan and lead others in service projects

COMPUTER SKILLS

Proficient in JAVA, Python including NumPy and SciPy Packages, Comfortable in HTML, CSS, C, MATLAB