

James Lyons

100 Richard Run, Yorktown, VA 23693

Phone: 757-254-5186 | jlyons6100@gmail.com

SKILLS PROFILE

- Programming Languages: Java, C, C++, HTML, CSS, JavaScript, MySQL, Python
- Comfortable in Mac OSX, Windows, Mercurial, Eclipse, Matlab
- Microsoft Office, Preview, Photoshop, GIMP

EXPERIENCE

Research Assistant, Stanford

10/2017 - Present

- Worked on a project concerning the impact of the physical conditions of urban environments on physical health in Boston, Detroit, and Los Angeles
- Cleaned and coded results from crowdsourcing surveys and health data
- Assisted in testing algorithms for automated methods

Software Developer, Jefferson National Laboratory

06/2012 – 08/2012

- Worked with Superconducting Radio Frequency (SRF) cavities
- Built a GUI for a program to analyze the interior surface of SRF cavities
- Developed a program to analyze the levelness of the inside of the cavities

EDUCATION

Stanford University

09/2014 - Present

[Stanford, CA]

- Enrolled in a program for a Bachelor of Computer Science
- Projected graduation date: June 2017
- Coursework: Data Structures, Algorithms, Multithreading, Memory Management

OTHER ACTIVITIES

- Volunteer freshmen tutor for CS106A (Programming Methodology) at Stanford