

# FAHAD HASSAN

Github.com/FahadHD

FahadHassan.net

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## Education

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**University of Maryland, College Park**

May 2017

B.S. in Computer Science – GPA: 3.08

Minor in Geographical Information Science

Dean's Honor List (GPA: 3.5/4.0): Spring 2016, Fall 2016, Spring 2017

## Computer Skills

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*Advanced* – Java, C

*Proficient* – Python, Ruby, JavaScript, Bash, HTML, CSS, SQL, SQLite

*Basic* – PHP, R

*Libraries & Tools* – Git, jQuery, Akka, Hadoop, OpenSSL, Android Studio, Scikit-Learn, OpenCV, Bootstrap, Google Compute Engine, Illustrator, Photoshop

## Recent Projects

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**Lift Fit** – Personal Project

June 2016 - Ongoing

*Java, SQLite, XML, Illustrator, Photoshop*

- Developed a weightlifting platform for android that allows users to keep track of weight lifting sessions, save templates and notes, set timers, and add/modify/delete weightlifting workouts quickly.

**Snap Signs** – Team Leader

October 2016 - Ongoing

*Java, Google Firebase, XML, Illustrator, Photoshop*

- Developed a social media platform for android where users can share their own image signs and messages taken at a location. If another user travels to that location they can view, comment, and like signs created by other users.

**Object Style Transfer**

September 2016 - Ongoing

*Python, OpenCV, Torch*

- Developed a computer vision program which recomposes an object in an image to be in the style of another image. Results involved objects such as wildlife to have stylized looks of famous paintings.

**Python Data Analysis with Machine Learning**

October 2016

*Python, Scikit-Learn*

- Used a variety supervised learning models such as support vector machines and decision trees on anonymous training data to create strong prediction models for future inputs.

## Work Experience

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**Securitas Security Services**

May 2013 – Present

*Security Officer*

- Main post orders are to detect, deter, and report incidents that occur on client sites.
- Utilized sophisticated surveillance systems to monitor access and detect incidents.
- Authorized site clearance for various contractors at client sites; Perform interior and exterior patrols of the facility and follow protocols for emergency situations