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U.S. Citizen

YAMILEX AVILA-STANLEY

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EDUCATION

Georgia Institute of Technology	Atlanta, GA	August 2014 – Present
<ul style="list-style-type: none">• B.S. Computer Science. Overall GPA: 3.79• Expected Graduation: December 2018		

EMPLOYMENT

LendingHome	Software Engineer, Internship	May 2018 – August 2018
<ul style="list-style-type: none">• Implemented two-way messaging for the Valuations team to send and receive messages with a third-party appraisal management vendor. Rails, Ruby.• Improved frontend for viewing property images which cuts down 5 minutes of time per loan spent by Valuation and Feasibility teams. React, Rails, Ruby.		

Patientco <i>Summer 2017</i>	Software Engineer, Co-Op	May 2016 – August 2017
<ul style="list-style-type: none">• Implemented notification system for healthcare providers to broadcast messages to their patients. Feature requested by Top 20 client. Angular, PHP, MySQL.• Diagnosed and resolved why phone payment volume for a Top 20 client decreased by ~88% from the previous month using Splunk and reaching out to client.• Fixed ~70 payments applied to the wrong patient account by writing a PHP script to migrate them.		
<i>Spring 2017</i>		
<ul style="list-style-type: none">• Updated user interface for highly trafficked messaging system in the healthcare provider portal. Angular.• Created new "Contact Us" flow in the patient platform to direct patients to correct funnel. Angular, PHP.		
<i>Summer 2016</i>		
<ul style="list-style-type: none">• Added new features to internal tool to speed up bill review process. Angular, PHP, MySQL.		

TECHNICAL EXPERIENCE

Activities

- **Enercage** | *Vertically Integrated Project* | January 2016 – December 2017
Interdisciplinary team developing system for automated analysis of rodents using computer vision.
Organized weekly meetings, mentored, and set goals for the embedded sub-team.
Developed Java GUI and Python socket code to receive and send data to server running on Raspberry Pi.

Projects

- **Welp** | *Project for Data and Visual Analytics* | Spring 2018
Local restaurant recommender based on restaurants from Yelp API and similarity algorithm.
Developed similarity algorithm using tf-idf vectors from reviews and cosine similarity. scikit-Learn, Python.
- **Acapellago** | *UGA Hacks, 3rd Place* | November 2015
Social side-scrolling platform game where you control character using pitch of your voice using JavaScript.
- **Paint the Nation** | *GT Appathon, 2nd Place* | October 2015
Sentiment analysis and visualization of Tweets towards presidential candidates. Node.js.
- **League Streams** | *Pearl Hacks, Best Pebble Watch App* | March 2015
Pebble Watch App that displays information about live top gaming broadcasts using Twitch API and Pebble.js.

LANGUAGES AND TECHNOLOGIES

- Proficient: Rails, Ruby, Python, PHP, JavaScript, Java, Angular, SQL, GIT, HTML, CSS, scikit-Learn
- Familiar: React, C, REST, Splunk