Gabriel I. Centeno

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Local Address: 108 Hammond Street Roxbury Crossing, MA 02120

EDUCATION

Northeastern University, Boston, MA   September 2015 - Present
College of Computer and Information Science   Expected: December 2019
Candidate for Bachelor of Computer Science and Finance   GPA 3.4/4.0
Relevant Coursework: Algorithms and Data, Object-Oriented Design, and Database Design

Westwood High School, Austin, TX   Graduated: June 2015
Awards: National Hispanic Honor Award for leadership and outstanding community involvement
          (2014), Advanced Placement Scholar with Distinction (2015), Magna Cum Laude

COMPUTER KNOWLEDGE

Languages: Python, Java, Scheme, HTML, CSS, JavaScript, SQL, noSQL, LaTeX
Libraries: Sklearn, Gensim, TensorFlow, JQuery, React (basic knowledge), Timber
Computer Knowledge: Mac OS, Linux, Windows, built several computers myself
Related Knowledge: Spanish (Native), German (Limited Working Proficiency), Jupyter, Git, Firebase
                          Agile/Scrum, Slack, Google Analytics, Jira/Confluence, WordPress, Photoshop

EXPERIENCE

Draper Labs, Cambridge, MA   July 2017 – Present
Machine Intelligence Engineer
- Working on DARPA's MUSE (Mining and Understanding Software Enclaves) program in an effort to try and automate software bug fixes
- Currently working on mining software repositories and analyzing commit messages with Doc2Vec, FastText, and a TensorFlow CNN to try and create better labels for potentially buggy, unlabeled Linux source code

Scout, Boston, MA   August 2016 – Present
Web Developer
- Styled front-end for web site http://myeverydayspeech.com/ using Bootstrap and SASS
  o Redesigned site user flow leading to a 5% higher newsletter sign up rate
  o Integrated templates for easier future site changes using Timber

Tangent with Iotopia Solutions, Boston, MA   May 2017 – August 2017
Co-Founder and Developer
- Collected data to create web API for realtors to give them a better tool for data analytics
- Iotopia Solutions was bought out by in August, trying to pursue idea with other ventures

D'Amore McKim School of Business IT Department, Boston, MA   September 2015 – June 2017
IT Specialist
- Repair broken computers and printers for staff and professors of the college

PROJECTS

MemeRank, Website   October 2016
- Developed site http://rateame.me which tells user if their image is funny compared to Reddit images
- Organized database for storing and labeling the images and used image recognition API to compare images based on general features. Hope to create my own neural net for this in the coming months.

Loftman Food, Website   September 2016 – May 2017
- Created website with roommates to track food expenditures and divide receipts evenly
- Added auto-updating shopping list, email notifications, and designed/implemented the database

Firebass Challenge, ARG competition   May 2016
- Awarded ticket to Google I/O through ARG competition by working with developers around the globe
- Found clues by using knowledge of binary, hexadecimal, image processing, and some creativity