Tologon Eshimkanov

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EDUCATION

Wentworth Institute of Technology Boston, MA
Bachelor of Science, Computer Science December 2016 (Expected)
Overall GPA: *3.65 / 4.00*
Achievements:

- PTK Merit Scholarship & Dean's List (6 semesters)

TECHNICAL SKILLS

Languages: intermediate – Java, Ruby; elementary – Python, JavaScript, C++, Assembly
Web: Ruby on Rails, HTML/CSS/JS, ChartJS, RESTful APIs, MVC, SQL
Web services: Heroku, AWS – EC2
Mobile: Android Studio, XML
Testing: Jenkins, Travis, JMeter, Selenium
Others: git, makefile, HTTP signature, PostgreSQL, OpenCV, Raspberry Pi

EXPERIENCE

SessionM Boston, MA
Co-op – Software QA Engineer August 2015 – January 2016

- Developed automated tests for web and mobile applications using Java, TestNG, Selenium and Jenkins
- Implemented load test suites for the platform API endpoints using JMeter
- Improved automated tests coverage by ~15% and load tests coverage by ~8%

GiveBackTime Arlington, MA
Co-op – Team Lead January 2015 – May 2015

- Supervised a team of 2 intern developers during the main web platform development and maintenance
- Developed and implemented chat as a renewed feature for the main web application using Ruby on Rails
- Gained experience in leadership, team management and interpersonal skills
- Improved understanding of web full-stack that involved back-end and front-end (Rails, HTML/CSS/JavaScript, SQL)

PROJECTS AND CONTESTS

Automatic Score Keeper (ASK) May 2016 – August 2016

- Built as senior project, ASK predicts scores for players of cornhole game, using an image or a video of a cornhole game
- Developed the software using object-oriented design and software engineering skills
- Created metrics tool to validate the software by comparing predictions with data from dataset of cornhole images
- Accomplished ~90% accuracy on color detection and ~85% accuracy on location detection

BeaconBot May 2016 – August 2016

- Created as class team project, BeaconBot is a two-wheel robot that finds a Bluetooth beacon, avoiding objects on its way
- Implemented Kalman algorithm to reduce noise in environment to estimate a distance to Bluetooth beacon in real-time
- Developed code for an ultrasonic distance sensor to detect objects in front of the robot and adjust its path accordingly
- Used Python as the primary programming language along with Raspberry Pi 3 as main platform for the robot

Simplified Digit Recognition January 2016 – April 2016

- Developed in the Intro to AI course, Simplified Digit Recognition is a tool that helps to recognize digits from an image
- Used Python with computer vision and machine learning libraries, training SVM classifier on the MNIST database
- Achieved accuracies of ~91% on printed digits and ~85% on printed digits with non-digit elements

HackerRank Spring CodeSprint March 2015

- Competed in the contest, solving algorithmic challenges using Java as the primary language
- Made to the leaderboard's top of 35% out of 625 participants