Yuki Zaninovich

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Education

Tufts University Medford, MA • B.S. Computer Science • 4.00 Major, 3.92 Cum. GPA (2018)

> **Relevant Coursework** Data Structures · Machine Structure & Assembly Programming · Programming Languages · Machine Learning · Natural Language Processing · Algorithms · Discrete Mathematics · Linear Algebra · Statistics
> **Dean's List** All Semesters

Los Altos High School Los Altos, CA (2014)

Experiences

Amazon Tokyo, Japan (Summer 2016)
Software Engineering Intern

- Developed the front-end of a retail customer-facing service using an internal web framework, including a Java stack, jQuery, Spring, and other internal technologies.

TradeStation Securities Plantation, FL (Summer 2015)
Software Engineering Intern

- Developed a Web-based in-house post-trade manager dashboard. Programmed in full stack, including Javascript front-end, C# back-end, and MySQL data mining.

Awards

- Best Integration of Sensoria Dev Kit at PennApps Winter 2015 *(Click here to view page)*
- Accolade Award at Tufts PolyHack 2015 *(Click here to view repository)*

Projects

- **Abnormality Classifier** TensorFlow machine learning project that involves classifying suspected tumors in x-rays of breasts using a deep convolutional neural network. *(Click here to view repository)*
- **Image Compressor** C program that compresses blocks of an image into 32-bit words through quantization and bit packing.

Research

- **Enhancing Object Detection with Boosted Convolutional Neural Networks** *(Click here to view info)*

Skills

- **Programming Languages** Python · C++ · Java · C · Javascript · C# · Unity
- **Technologies/Software** HDFS · ImageJ · MySQL · Spring · TensorFlow

Leadership

JumboCode Medford, MA (January 2016 - Present)
Project Lead Manager

- Lead a project to re-organize the data on patients for a non-profit disability support center and create a web application to make updating data easy and straightforward for the employees. *(Click here to view repository)*

Tufts University Computer Science Department Medford, MA (August 2016 - Present)
Algorithms Teaching Assistant

The Tufts Daily Newspaper Medford, MA (September 2014 - December 2015)
Executive Op-Ed Editor

References

Daniel Monahan Amazon Software Development Manager (monahand@amazon.com)
Gregory Aloupis Tufts University Algorithms Professor (aloupis@cs.tufts.edu)