VICTOR TREABA

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EDUCATION

New York University, New York, NY **GPA:** 3.858
Master of Science in Computer Science, September 2017 – September 2018 (expected)
New York University, New York, NY **GPA:** 3.379
Bachelor of Arts in Computer Science, Minor in Business, September 2015 – May 2017
Relevant Coursework: Software Engineering, Foundations of Machine Learning, Object Oriented Programming
Languages: Romanian (fluent)

TECHNICAL SKILLS

Programming Languages	:	Java, JavaScript, HTML, CSS, Scala, C, C++, C#
Operating Systems	:	Android, Linux, Windows, iOS, UNIX
Computer Systems Tools	:	X86-64 Assembly, Low Level Debugging, Reverse Engineering
Other Tools	:	Android Studio, Eclipse, Illustrator, Unity, Spark, PhotoShop, MS Office
Certifications	:	Freecodecamp 300 hours each: Responsive Web Design, JavaScript Algorithms and Data Structures, Front End, and Front End Libraries

PROJECTS

So, What Now?
Developer, April 2018 – July 2018
- Created a day schedule generator using Java, JavaScript, and JSP technologies based on user likes and dislikes
- Developed an algorithm using Game Theory principles to maximize overall utility when day planning with other people
- Integrated Yelp and Google APIs to geolocate and filter results based on location and inputs

NYUChess.com
Developer, November 2017 – June 2018
- Extended GitHub Pages' single static page hosting to provide multi-page functionalities
- Embedded a client-side page router written in JavaScript and HTML meta tags to handle queries
- Implemented methods for the website to self-update through API calls to Facebook and Orgsync
- Deployed a Java REST API on Heroku to store API keys securely and handle content requests from NYUChess.com

How to Train Your Palate
Researcher / Developer, October 2017 – December 2017
- Wrote a web scraper in Java and JavaScript to obtain, parse and send recipes to the Java server to be saved locally
- Designed a processing algorithm to extract feature vectors of variable size using category buckets and fuzzy matching
- Classified recipes on a scale of 1 – 4 stars using Java SVMs, AdaBoost, and TensorFlow neural networks with 41% accuracy

EXPERIENCE

NYU Langone Medical Center, New York, NY
Intern, May 2014 – Present (several periods)
- Organized electro-mechanical and surgical lab: set-up load and pressure cells and designed protocols for cochlear implantations
- Configured the workflow for the interoperation of components in scientific experiments, including data capturing and analysis
- Performed tests on basic sound processing and integrity of cochlear implant systems

Flextronics International, Timisoara, Romania
Intern, July – August 2017
- Gathered user requirements specifications for an improved tool management system (stencils for electronics board assemblies)
- Set-up the initial sections of the stencil racks with the capability for in-line testing and error detection on the local network
- Designed and prototyped an Android application for the management of critical tools in the electronics assembly facility

LEADERSHIP ACTIVITIES

- Archemy Consultant Project Leader in the development of APIs
- NYU Chess Club, President
- Shaolin Kempo Karate: team and personal awards in kata, sparring, and weapons divisions