Ahalya Sanjiv

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EDUCATION

Macaulay Honors College at the City College of New York, CUNY   *New York, NY*
Bachelor of Science, Computer Science, GPA: 3.919   *Expected: May 2019*
- Relevant Courses: Data Structures, Algorithms, Software Design Lab, Discrete Mathematics, Computer Systems
- Honors: Dean's List, Women in Technology and Entrepreneurship in New York Scholarship, Vivek Shah Scholarship

Girls Who Code at Goldman Sachs   *New York, NY*
- Scholarship program of intensive instruction in computer science   *August 2014*

TECHNICAL SKILLS

Java, Python, C++, JavaScript, HTML, CSS, SQL, jQuery, Bootstrap, Git, Adobe Photoshop

EXPERIENCE

Bank of America Merrill Lynch   *New York, NY*
Software Developer Intern   *June 2017 – August 2017*
- Developed and tested enhancements to an ASP.NET MVC based application for regulatory disclosures to effectively manage the daily batch processing of data from over 30 sources using JavaScript, jQuery, Bootstrap, and C#
- Increased end user productivity by allowing compliance team to monitor feeds over time directly on the dashboard
- Implemented business logic, data access layer, and user interface for data visualization of trends in feed processing
- Streamlined process of handling the late arrival of files by allowing users to access previous data through the interface

University Transportation Research Center   *New York, NY*
Software Developer Intern   *January 2016 – October 2016*
- Developed an internal web application that allows principal investigators to electronically submit research proposals
- Tested project management system's user interface and identified errors in the submission process
- Stored user information into the database and allowed administrators to send notifications to users

PROJECTS

Info Sieve - News Bias Detector
Personal Project   *September 2017*
- Developed an application that analyzes language in articles for the latest news headlines to find the least biased source
- Analyzed emotion and sentiment towards keywords using IBM Watson Natural Language Understanding API and extracted relevant data from online articles using Python

Life Simulation - Virtual Ecosystem
Software Design Lab Final Project   *May 2017*
- Simulated a virtual ecosystem containing organisms that interact with each other using object oriented design in Java
- Implemented intelligence for animals to react to predators and prey and move optimally based on surroundings
- Enhanced program to make the ecosystem self-sufficient and ensure survival of all species over time

Latinissimus - Educational Game to Learn Latin
New York University Hackathon Project (Viacom Prize Winner)   *February 2017*
- Developed a mythology-based educational game using Python that teaches users Latin
- Created graphical interface and implemented the functionality of game characters using the Pygame library

Plover - Chrome Extension to Improve Productivity
Rutgers University Hackathon Project   *April 2016*
- Created a Chrome extension that manages the user's time based on the relative importance of their tasks
- Designed and implemented user interface and functionality of schedule generator using JavaScript and Bootstrap