

Education

Stony Brook University

Master of Science (MS), Computer Science

Stony Brook, NY
Expected: Dec. 2017

- MS Research Project: Drug-Disease Relationship Inference of Medical Documents
- CEAS Computer Science Tutor (Fall 2015 – Present): Hold walk-in tutoring for all intro courses.
- TA for Cloud Computing (Spring 2017): Developed self-service grading scripts.

Bachelor of Science (BS), cum laude, Computer Science

Graduated: Dec. 2016

- TA for Data Structures (Fall 2014 – Spring 2015): Held office hours and taught recitation.

Work Experience

Amazon.com, Inc.

Software Development Engineer Intern

New York, NY
May 2017 – Aug. 2017

- Built a service in Java to recommend budget adjustments to advertisers based on their historical campaign performance, that of their competitors, and traffic forecasts.
- Collaborated with data scientists and other engineers to iterate and improve data model.
- Worked on the Advertiser Intelligence team within Self-Service Performance Advertising.

Amazon.com, Inc.

Software Development Engineer Intern

Seattle, WA
May 2016 – Aug. 2016

- Built infrastructure components, including custom logging, in Java and Perl for a multi-tenant reporting and analytics self-service platform to allow tenants to better debug their functionality.
- Developed a Java Spring MVC website to help tenants modify and visualize their database entity relationships on the reporting platform.
- Worked on the Reporting and Analytics team within Kindle Direct Publishing.

Orbis Systems, Inc.

Software Engineering Intern

Jersey City, NJ
Dec. 2014 – Jan. 2016

- Designed and developed a custom news publishing platform using MySQL and the Laravel PHP framework. Platform includes a RESTful API and multiple localized sites with a central controller.
- Implemented a dynamically updating stock wall page for an online stock trading application using JavaScript with an Apache Tomcat backend to help clients visualize the day's market performance in real-time.

Selected Projects

RxCheck, HackRU Fall 2015 Project - Won best use of MongoDB

Oct. 2015

- Developed website with the Flask Python framework that compares a user's health conditions with the warning labels of known drugs, which is regularly retrieved from the FDA website and stored in MongoDB.
- Integrated app with Twilio and SendGrid APIs to automatically alert users of new warnings and recalls of their selected drugs via email, text, and/or voice call.

readMe.text, HackCooper 2015 Project - Won best use of IBM services

Feb. 2015

- Built a web app in JavaScript that translates hand gestures and photos into spoken text using a Leap Motion sensor and IBM Watson's text-to-speech engine in order to assist the visually impaired.

Technical Skills

Languages: Java, JavaScript, Python, HTML/CSS, PHP

Tools and Frameworks: Unix, Git, jQuery, Sass/Less, Node.js, Laravel, Spring, Flask, Firebase