

DANNI TANG | RESUME



JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING



NYU

TANDON SCHOOL
OF ENGINEERING

- » **Status:** Contract Software Developer at Capital One
- » **Fields:** Electrical & software engineering, digital signal processing
- » **Languages:** Java, JavaScript, Python, MATLAB
- » **Tech:** Spring, Maven, Apache Kafka, Agile

Education

- | | | |
|-------------|--|--------------------------|
| 2014 - 2017 | Electrical Engineering, M.S. | New York University |
| | <ul style="list-style-type: none">» Concentration: Digital signal processing» Relevant courses: Digital Signal Processing I & II, Digital Signal Processing Lab | |
| 2009-2013 | Biomedical Engineering, B.S. | Johns Hopkins University |
| | <ul style="list-style-type: none">» Minor: Applied Mathematics and Statistics» Honors: Dean's List | |

Employment

- | | | |
|------------|---|-----------------------|
| May 2017 - | Contract Software Developer | Capital One Financial |
| | <ul style="list-style-type: none">» Working on real-time data streaming eAPI development and deployment to the cloud using AWS and CI/CD pipelines» Developing RESTful microservices to stream data to and from Apache Kafka using Spring Boot and Maven | |
| Feb 2017 - | Associate Developer | Revature, LLC |
| | <ul style="list-style-type: none">» Participated in an intensive, fast-paced 10-week bootcamp and learned about developing Java web applications» Developed several full-stacked web applications using front-end technologies, Java as the middleware, and back-end using SQL | |

Applications & Projects

- | | | |
|----------|--|---------------|
| May 2017 | Associate Evaluation System | Revature, LLC |
| | <ul style="list-style-type: none">» Utilized AngularJS and Spring MVC to implement admin features, such as registration of other user accounts» Made intensive use of AngularJS to develop dynamic pages and form validation, and Spring MVC to handle REST calls to the AWS RDS database | |
| Apr 2017 | The Playbook App | Revature, LLC |
| | <ul style="list-style-type: none">» Incorporated Steam API to allow users to link their Steam accounts for playtime and game tracking» Implemented the Spring MVC to handle views, server language using Java, and the Hibernate framework to manipulate SQL data | |

Mar 2017

Tuition Management Reimbursement System

Revature, LLC

- » Developed user roles that can sign in, submit reimbursement applications, and implemented multiple supervisor approvals for the application
- » Constructed views using JSPs and JavaScript, server language using Java to handle business logic, and PL/SQL for a relational database

2016

Advanced Project

New York University

- » Basic voice command assistant built using PyAudio and Raspberry Pi
- » Uses the speech recognition library and Google Speech API to search for user inquiries and display results from Google Search

2015

Digital Signal Processing Lab Final Project

New York University

- » Musical synthesizer & visualizer coded in JavaScript, HTML, and CSS
- » Final build hosted at <http://souloist.github.io/Fun-thesizer>

2009

Senior Design

Johns Hopkins University

- » Used microfabrication techniques such as photolithography and metal deposition in the development of the device
- » Microfabricated several devices with different micro-structures and dimensions for device testing