

# Josh Noll

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joshuanoll.com

## Experience

**Apple Inc.** NYC, NY

Sept. '17 – Present

*Software Engineer* – Apple Media Products (AMP)

- Core developer for GDPR compliance for the AMP organization.
- Built and designed a horizontally scalable infrastructure that could handle a high volume of requests using Kafka and other open source tools.
- Designed and built highly scalable framework to manage large data migrations and transformations

**Interactive Brokers Group LLC**, Greenwich, CT

July '15 – Sept. '17

*Full Stack Developer* – Treasury Team

- Redesigned and integrated linear programming solver to improve overnight generated bank interest from liquid capital.
- Designed and implemented JSP checker to dramatically reduce post release risk assessment time.
- Created tools to help back office personnel on their daily tasks.

**Citigroup Inc.** NYC, NY

June '14 – Aug. '14

*Full Stack/Software Developer (Internship)* – High Frequency Trading Division

- Created reconciliation and reporting program for dual tape recording systems.
- Implemented tools to automatically create and email story order history.
- Designed various GUI's for back office users to access data.

**Private Tutor**, NY

June '14 – Present

*Programming tutor*

- Tutored students from ages 8-25 in computer science fundamentals and Java programming
- Provided homework as well as quizzes to test their knowledge and confirm they understood the material

**Stony Brook Engineering Department**, Stony Brook, NY

Sept. '14 – May '15

*Programming Tutor*

- Tutored across 11 different programming courses which had either Java or C based curriculums. These courses ranged from introductory level to upper division electives.

**Stony Brook Computer Science Department**, Stony Brook, NY

Sept. '12 – May '15

*Teaching Assistant for CS I and CS III*

- Led labs twice a week as well as hosted office hours, for each class, where I helped students learn how to write better code and understand important Java concepts.

## Leadership Positions

- VP of Seasons Condominium Board – Seasons Condominium, White Plains, NY
- Stony Brook Mentor - helping current CS students with resume and interview prep

## Computer Science Skills

*Languages:* Java, C, PHP, SQL, Unix Scripting, JavaScript, CSS, HTML

*Software:* Kafka, Cassandra, Redis, Docker, JAX-RS

## Education

Stony Brook University, Bachelor of Computer Science – May '15

## Clubs, Organizations, and Leadership

Mentored student at Stony Brook University

May '15 – May '18

Stony Brook Computing Society

Sept. '12 – May '15

Zeta Beta Tau

Sept. '12 – May '15