

Josh Noll

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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 scale data processing.

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