

Joshua Noll

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Education

Stony Brook University - Bachelors
Graduated: May 2015

GPA: 3.4
Major: Computer Science

Georgia Tech - Masters
Expected Graduation: 2021

GPA: N/A
Major: Computer Science

Programming Languages and Softwares

Java | C | Unix Scripting | PHP | SQL | JavaScript | CSS | HTML | Kafka | Cassandra | Docker | JAX-RS | Android Development | Android Studios | Git | Vim

Awards

- 2nd in division: JP Hackathon Oct '13
 - Developed a web app using 5 different open source API's to help a non-profit convince senators to not pass a bill raising flood insurance premiums.

Experience

Apple Inc, NYC, NY

Sept '17 – Present

Software Engineer – Apple Media Products (AMP)

- Core developer for GDPR compliance for the AMP team.
- Using Kafka and other open source tools I was able to design a horizontally scalable infrastructure that could handle a high volume of requests.

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, NYC

June '14 – Aug '14

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

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

Stony Brook Engineering Department, Stony Brook

Sept '14 – May '15

Programming Tutor

- Tutored for 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

Sept '12 – May '15

Teaching Assistant for CS I and CS III

- Led labs twice a week as well as host office hours, each week for each class, where I would help students learn how to write better code as well as help them better understand important concepts in Java related to each class.

Leadership Positions

- VP of Seasons Condominium Board – Seasons Condominium, White Plains, NY
- Teaching Assistant - CSE 114 - Fall 2012 – Spring 2015; CSE 219 Fall 2014 – Spring 2015
- Private tutoring sessions (Java + C) Courses, and Web Dev. (JavaScript/HTML/CSS)
- Organized fundraisers for the Children's Miracle Network

Clubs, Organizations, and Leadership

Mentoring Current Stony Brook Student

May '15 – May '18

Stony Brook Computing Society

Fall '12 – Spring '15

Zeta Beta Tau

Spring '12 – Spring '15