

Nia E. Sanders

701 Franklin Ave. #3
Brooklyn, NY 11238

niaesanders.com
nia.e.sanders@gmail.com

EDUCATION

Bachelor of Arts
May 2019

Brown University – Providence, RI
Concentrations: Computer Science and Performance Studies (Dance focus)

Study Abroad: Université de Paris 8 – Paris, France (Spring Semester 2018)

Diploma
(High School):
Related Courses:

Girls Preparatory School – Cum Laude Honors Graduate, Chattanooga, TN
Completed: Introduction to Object-Oriented Programming/Computer Science; Calculus Part II; Introduction to Algorithms/Data Structures; Introduction to Computer Systems; User Interfaces and Experience; Introduction to Discrete Structures and Probability; Introduction to Computer Graphics; Statistical Inference; Artificial Intelligence; The Entrepreneurial Process; Digital Performance

RELEVANT WORK EXPERIENCE

Current Position

Software Engineer — Google Inc.
• Cloud SQL Frontend Developer
• Programming Languages: Typescript, Angular JS

September 2018 -
May 2019

Academic Coach – Academic Support Services, Brown University
• Conducted individual appointments with 10-15 students on a regular basis
• Lead and assisted academic skill workshops for up to 40 students per session
• Analyzed student needs to help improve academic performance

June 2018 –
August 2018

Software Engineering Intern – Google, Inc.
• Intern on the Google Cloud Platform on the Census team
• Wrote code primarily in Go and JavaScript for back-end and front-end operations
• Worked with large data sets to create a graph layout algorithm
• Presented work to team of more than 20 people, including the Technical Lead

June 2017 –
September 2017

Engineering Practicum Intern (Software Engineering role) – Google Inc.
• Worked on community moderator tools for the G+ app for Android, primarily in Java
• Added over 3,000 lines of code to complete a code migration and add a new feature
• Collaborated with technical leads and intern hosts to create design documentation

September 2016 –
May 2017

Undergraduate Teaching Assistant for the Department of Computer Science
– Brown University

Fall 2016: Introduction to Object Oriented Programming

Spring 2017: Introduction to Data Structures and Algorithms

- Graded homework assignments and projects with a staff of 40 TA's
- Assisted students on homework and projects during office hours on a weekly basis
- Conducted design sessions for groups of 10-15 students for major projects (Fall)
- Co-Lead weekly review sessions for groups of 10-15 for lecture materials (Spring)

RELATED SKILLS

- Proficient in Microsoft Office and G Suite tools
- Preferred coding language: Java
- Significant experience in Python, C, C++, Go, and JavaScript programming

HONORS AND ACTIVITIES

- Benjamin A. Gilman International Scholarship Alumni
- Member and Mentor of Quest Scholars at Brown
- Member of Brown University's Women in Computer Science Club
- Member of Brown University's Mosaic+ Club
- QuestBridge Scholar
- Community Foundation of Greater Chattanooga Scholarship Recipient

LANGUAGES

English – Native Proficiency, **French** – Professional Working Proficiency