BOUBACAR DIALLO

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EDUCATION

Macaulay Honors College at Hunter College   Expected Graduation June 2021
B.A Computer Science & Mathematics | Minor: Economics & Arabic
Daedalus Honors Computer Science Scholar
Relevant Coursework: Discrete Mathematics, Data Structures, Algorithms

Codepath University
Intermediate Software Engineering Technical Interview Bootcamp   Summer 2019
Mobile App Design   Fall 2018
Cybersecurity (sponsored by Facebook)   Fall 2017

The Bronx High School of Science   June 2017
Regents Diploma Advanced Designation

SKILLS

Programming Languages	Python, Java, C++, Swift
Web Development	Javascript, JQuery, HTML & CSS, React, Flask
Software & Tools	Git, Node, Firebase Database, Heroku, LaTeX, Unity Game Engine(C#), iOS

EXPERIENCE

Software Engineering Intern, **Google,** *New York, NY*   June 2019 - August 2019
· Developed a full stack feature for Search
· Wrote unit tests for querying data, rendering the feature, and displaying HTML output

Lead Software Developer, **17 Web Dev,** *Jersey City, NJ*   August 2018 - May 2019
· Developed websites and native applications to provide technological solutions for a diverse range of clientele
· Provided consultation to clients in choosing the best suited frameworks and software stacks for each project
· Re-designed, scaled, and maintained software projects at modern standards for 3-4 active clients per month

Discrete Mathematics Teaching Assistant, **Hunter College,** *New York, NY*   August 2018 - May 2019
· Provided tutoring for 4 hours a week to guide students on an individual level to an understanding of essential math knowledge for computer science (graph theory, number theory, probability, combinatorics)
· Evaluated performance by grading assignments and facilitating communication with a 200 student lecture

Teaching Assistant, **CodeCraft Academy,** *New York, NY*   December 2016 - September 2017
· Educated students on web development and Javascript programming through a project based curriculum
· Guided 25 high school students through 2-3 website projects per session during weekly class in partnership with Sponsors for Educational Opportunity (SEO)

PROJECTS

Harlem Hub - *HarlemHacks First Place Award*
· Designed a Flask web app promoting grassroots organization of events in the Harlem community

Tabber - *HackRPI Best High School Hack Award*
· Built prototype for a Google Chrome extension with Chrome API allowing users to schedule and manage tabs

LEADERSHIP & ACTIVITIES

Vice President of Technology, **Macaulay Business Club,** *New York, NY*   May 2017 - Present
· Program and test an interactive and user-friendly web interface for a professional advancement club
· Build custom apps for internal data management, including event attendance and member articles

LANGUAGES

Fulani   Native