

R Matthews

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EDUCATION

Brandeis University, Waltham, MA

Bachelor of Science in Computer Science & African and African-American Studies

May 2019

Honors: Posse Foundation Full-Tuition Leadership Scholarship (2015-2019)

Relevant Coursework: Data Structures & Algorithms, Mobile Application Development, Web Application Development, Spoken Dialog Design, Discrete Structures, Human Computer Interaction, Programming in Java, Advanced Programming Techniques, Structure and Interpretation of Computer Programs, Operating Systems

SKILLS

Programming Languages: Java, JavaScript, HTML, CSS, ReactJS

Certifications: Apple Certified Macintosh Technician and iOS Certification

PROJECTS

DocFinder

June 2017 – February 2018

- Created a fully voice-interactive web-based application that matches patients with medical providers in their area using search metrics such as insurance, specialty, and languages spoken.
- Used **HTML**, **CSS** and **JavaScript** along with various APIs from BetterDoctor, Google, and Iodine.
- Won the AVIOS 2017/2018 Student Speech Application Contest and monetary prize.

TMBR

August 2016 – December 2016

- Created an Android mobile application designed to promote user safety in a contemporary setting, and was designed to be non-intrusive and run in the background of the phone.
- Coded in **Java** using Android Studio while implementing GPS location services, SMS services, and accessing the user's phone contacts and notifications

WORK EXPERIENCE

Moody's Analytics, Waltham, MA & West Chester, PA

August 2019 – Present

Associate Software Engineer, Moody's Analytics Technology Rotation Program

- Built a component library for Ki using **ReactJS** and **JavaScript**.
- Created a series of Java automated tests for Ki to assist with Ki's QA team.

Introduction to Java Teaching Assistant, Waltham, MA

August 2017 – December 2018

Teaching Assistant, Brandeis University

- Assists in teaching, grading, and helping entry-level Computer science students.
- Leads weekly recitations for 20+ students.
- Holds weekly office hours to provide extra help for students.

United States Digital Service, Washington, DC

June 2018 – August 2018

Frontend Development Fellow, Department of Veteran Affairs

- One of Coding it Forward's Civic Digital Fellows chosen with a 4.2% acceptance rate to engage with civic technology across six federal government departments.
- Developing and migrating the GI Bill Complaint Tool using **ReactJS**.

PricewaterhouseCoopers, Atlanta, GA

June 2016 – July 2016

2016 Start Intern, Global Advisory Markets Team

- Created and proposed a design plan for the redesign of an internal website and mobile application.
- Updated and formatted data used in existing mobile application to create a better user experience.

LEADERSHIP and ACTIVITIES

Brandeis University's 68th Commencement, *Class Speaker*, Brandeis University

May 2019

TEDxBrandeisUniversity, *Speaker*, Brandeis University

April 2019

2019 Hult Prize, *Regional Finalist*, Brandeis University

April 2019

Brandeis National Science Foundation I-Corps Program, *Finalist*, Brandeis University

November 2019