



Aarya B C

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EDUCATION

Howard University

Washington, District of Columbia

May 2019

Bachelors of Science in Computer Science, GPA **3.92**

Honors:

- Awarded a Legacy Scholarship which covers full tuition and fees for the entire period of study
- Placed among the top 10 in Engineering Design Project for the year 2016 - Designed a dummy walking stick for visually impaired people that links with traffic lights to help them cross roads

Courses:

Computer Science I, II & III(C++), UNIX Lab, Computer Organization I & II(MIPS), Intro to Mobile App Dev(Android), iOS Development(CodePath), Algorithms(UMD), Artificial Intelligence, Software Engineering, Theory of Computation, Operating Systems, Database Systems

Languages:

Python(most proficient), C++(1 year), Java(5 months), React.JS(2 months, self-taught), Swift(5 months), Redux.JS(2 months, self-taught), HTML, CSS(3 months, self-taught), C#(3 months)

American University

Blagoevgrad, Bulgaria

Spring 2018

Study Abroad

EXPERIENCE

Microsoft Corporation Redmond, Washington

Software Engineering Intern

May 2018 - August 2018

- Interning as a Software Developer for Visual Studio Team Services in the Commerce Team
- Working on a service that helps automate the deployment process by testing the code that is to be deployed in a multi instance environment and measuring how well it performs against the code in production
- Building a router that forks the incoming requests to both environments and collects telemetry for the metrics
- Working on an algorithm that will help decide whether the code is ready for production based on the metrics

Microsoft Corporation Redmond, Washington

Explorer Intern, PM & DEV

May 2017 - August 2017

- Interned as a Program Manager(4 weeks) and a Software Developer(8 weeks) in a rotational program for Microsoft Identity Services in Microsoft Graph Team
- Performed extensive customer development to figure out the problems that developers face when accessing MS-Graph using React.JS
- Built React ready components for MS-Graph using React.JS, HTML & CSS
- Built an extensible javascript middleware, for MS Graph, supported by most javascript frameworks using Redux.JS

Google Inc. Kirkland, Washington

Engineering Practicum Intern

May 2016 - August 2016

- Worked for the Google Privacy Team in a project that uses Machine Learning and Natural Language Processing to detect Sensitive Information
- Successfully built a model using Tensorflow that helps in the detection and classification of private and sensitive information
- Improved the findings by more than 15% as compared how the model was acting before the implementation of Machine Learning

PROJECTS AND EXTRACURRICULARS

- Volunteered as a **Role Model** for **Facebook TechStart** to teach Computer Science to over 30 High-School students around DC Metro Area
- Working on the website for **Howard University College of Dentistry**
- **Hi-Metro**, built a real-time metro information and scheduling application for the DC metro and buses using Swift
- **Electrobar**, built an application, during Google DC Hack, that analyzed the sentiments in political tweets and provided a visualization of how the people were reacting to the different political parties
- Volunteered as a Student Teacher at Kehi Garoun, a NGO that supports kids from financially challenged backgrounds. Taught math and science to over 50 students.