

Joel Tabapssi Fokwa

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EDUCATION: UNIVERSITY OF RICHMOND, Richmond VA

Expected: May 2022

Bachelor of Science, Computer Science Minors: Business Administration, Mathematics

GPA: 3.60 / 4.00

RELEVANT COURSES:

- Algorithms
- Data Structure
- Discrete Structures
- Software and System Development
- Business Communication
- Computer Organization

TECHNICAL / NON - TECHNICAL SKILLS:

- Fluent in French and English
- Microsoft Word, PowerPoint, and Excel
- CPR & AED certified
- Java, HTML, CSS, JavaScript, C++ proficient
- XCode app building

PROFESSIONAL EXPERIENCE:

FANNIE MAE, Remote

June 2021- August 2021

Software Engineer Intern

- Created a confluence page used by the eMIDAS department to facilitate understanding of some of the policies around managing, storing, persisting, and exchanging data.
- Tested developing applications using the use-case testing approach.
- Analyzed datasets and attributes stored with the company's data lake as part of a quality assurance check and presented work and results to the department chairs.

UNIVERSITY OF RICHMOND CS DEPARTMENT, Richmond VA

September 2020 - May 2021

Lab Assistant/Grader

- Assisted professor in the creation of lab work for students in the CMSC 221 class (Data Structures).
- Devoted hours in grading code and Javadoc while providing feedback to each of the students.

VARSITY TUTORS, Remote

January 2020 – September 2021

Tutor

- Develop methods to help motivated learners, from all ages, learn and familiarized themselves with French, Computer Science, and Math
- Create and implement lesson plans aligned towards student goals, including mock quizzes and exams, activities, and projects

HACK4IMPACT, Richmond VA

September 2019-May 2020

Web developer

- Assisted in the creation of a website for the Henrico County public schools to assist students in having access to resources to prepare themselves for the state-required SOLs tests.
- Used CSS, HTML, JavaScript, and Java for both front end and back-end development of the website.

UNIVERSITY OF RICHMOND SUMMER FELLOWSHIP, Richmond VA

May 2019 - August 2019

Student Researcher

- Worked on a simulation-based program which allows politicians to see the possible effects of a bill on the agents of the landscape
- Created a virtual Landscape which randomly placed agents in different locations and allows them to interact with each other and the space through trade and harvest of sugar and spice
- Implemented a photoshop software (java), which allowed the user to input a picture and edit it in a variety of ways

LEADERSHIP / CAMPUS INVOLVEMENT:

RICHMOND CLUB BASKETBALL, Richmond VA

August 2019 – Present

Vice-President, Money Manager, Safety Officer

- Devote 4-8 hours per week in preparation for weekend competitive play
- Develop skills of monetary management and accountability, while collecting dues and organizing tournaments for the team
- Organized a tryout system meant to better assess the level of talent trying out for the club team
- Created an excel spreadsheet to keep track of the players, their numbers and other information needed for travel

ACTIVITIES / AWARDS:

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| ▪ Hack4Impact | Programmer | September 2018 – Present |
| ▪ Association for Computing Machinery | Member | January 2019 – Present |