

# Alain-Olivier Kouassi

5500 Wabash Avenue, Terre Haute IN—kouassao@rose-hulman.edu—973-534-3061



## Objective

To utilize and continue to grow my software engineering skill sets and work towards creating a better and easier environment for all.

## Education

### Bachelor of Science, Computer Science

Rose-Hulman Institute of Technology, Terre Haute, IN

May 2021

Status: **Senior**

### Relevant coursework

Object-Oriented Software Development, Data Structures and Algorithms, Android Application Development, Computer Architecture, Operating Systems, Database Systems, Software Design, Advanced Database Systems, Computer Security

## Skills

### Technical Skills

**Programming:** Java, C, Kotlin

**Scripting:** Python, Shell, NodeJS, JavaScript

**Markup:** HTML, CSS, XML, VueJS, PugJS, LaTeX

**Database Management:** SQL, MongoDB, Elasticsearch, Redis, Neo4j

**Operating Systems:** Windows, Mac OS, Unix Systems, Ubuntu, Debian, Fedora, Manjaro, AcroLinux, Arch Linux

### General Skills

- Six years of Mandarin language
- Leadership and excellent written, oral communication, and interpersonal skills

## Experience

### Doxpop, Richmond, Indiana

June 2019-August 2019

#### Software Engineer Intern

- As a Full Stack Developer, worked on the VueJS Development team to create mission-critical information systems by designing, testing, deploying and maintaining software applications.
- Converted pages from old framework to new Vue component framework using VueJS, PugJS, JavaScript, and SCSS
- Implemented new Vue components and Java backend servlets
- Worked on both front-end and back-end components in a fluid development environment

### Rose-Hulman Institute of Technology, Terre Haute, Indiana

Fall 2018 - June 2019

#### Sophomore Advisor

- Helped new freshman transition to college life and living on campus, and served as an advisor and resource to students across different engineering disciplines.
- Collaborated with Student Affairs and Resident Assistants to create an inviting, and safe environment for new students

#### Operation Catapult Counselor

Summer 2018

- Served as a counselor in a camp designed for high school students to complete engineering projects and gain experience in their fields as well as gain insight on the college experience
- Worked closely with professors to create the best experience for the students

### Georgia Institute of Technology, Atlanta Georgia

Summer 2016

#### Lead Programmer

- Tasked with writing the code for the research, development, marketing, and presentation of a self-driving truck prototype
- Presented results in front of industry sponsors such as QUALCOMM, Intel, and GM

## Honors

- Rose-Hulman Institute of Technology – Four Years Full Academic Scholarship Award
- Attended the National Thomas Edison Inventors Ceremony in West Orange, NJ, 2015
- Johns Hopkins Center for Talented Youth Program Talent Search, Selection and Attendance
- Graduated from Seton Hall Preparatory School with Honors
- AP Scholar with Distinction, and Math Honors Society member

## Activities

- Delta Sigma Phi Member
- National Society of Black Engineers, Member
- Special Olympics Volunteer Swim Coach, West Essex YMCA