MOHAMED KOANDA

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EDUCATION

State University of New York College at Buffalo   May 2018
- Bachelor of Science in Computer Information Systems with Minor in Mathematics, Achieved a **3.92/4.0 GPA**
- **Relevant Courses Studied**: Data Structures, Computer Operating Systems, Database and Computer Programming

Coding Dojo, INC, San Jose, CA   July 2018 – October 2018
Professional Development and Training
- Graduated from a coding bootcamp and devoted more than 90 hours per week into coding over a 14 weeks' course
- Learning to implement Secure HTTP Protocols with **RESTful API** using **Java, JavaScript, Python and SQL**

TECHNICAL SKILLS

- Web Technologies: HTTP/HTTPS, SSL/TLS, TCP/IP, HTTP Caching, Basic OAuth Authentication
- Languages: Java, JavaScript, Python, C#, C++, SQL, MongoDB, PHP
- Methodologies: **RESTful API Architecture**, TDD, MVC, OOP, ORM, Spring Hibernate
- Tools: Azure DevOps, Linux, Git, Visual Studio, MySQL Workbench

PROFESSIONAL EXPERIENCE

Microsoft, Seattle, WA   February 2019 - Present
Software Engineer 2
- **Microsoft Endpoint Manager** (MEM) Engineer
- Implements new features for our MEM product
- Create some of the world latest innovation technologies
- Technologies used: **Azure DevOps, C#, C++, SQL Server, and Git**

Coding Dojo, INC, San Jose, CA   November 2018 - Feb 2019
Teaching Assistant
- Helped students understand **HTTP Protocols, RESTful API, HTTP Caching, SSL/TLS** and how to implement them
- Assisted students with algorithms and provided code reviews and debugging in Java, Python and JavaScript
- Worked with instructors to address students learning need to provide them additional support

State University of New York College at Buffalo   January 2018 – May 2018
Front-End Web Accessible
- Contributed to improving the University's website accessibility by creating a web Self-Audit Wave Baim
- Learning to improve users experience by implementing
- Technologies used: **JavaScript, HTML and CSS**

UnitedHealth Group, Wisconsin   June 2017 – August 2017
Business Analyst
- Improved overall team's performance by 20% by building automated data management systems for repeated tasks
- Contributed on implementing new RESTful API for the team internal use
- Technologies used: **Java, JavaScript, SQL**, **HTML and CSS**

PROJECTS

MyFlixZone   November 2018
- Fully functioning web application with features replicating Amazon's shopping system and synopsis movies
- Designed the front-end UI and implemented a secure RESTful API using Java
- The technologies used: **RESTful API, Java, Spring Boot, SQL, Angular, JavaScript, HTML and CSS**
- Check out a video demo of MyFlixZone Github repo

MD-Document   October 2018
- Collaborated in creating a RESTful API web application inspired by Google Docs
- MD-Docs allows multiple users to work simultaneously in the same document in real time with integrated live chat
- Designed the front-end UI and implemented the live chat backend to showcase the use of SocketIO with a Node.js
- The technologies used were **RESTful API, JavaScript, SQL, Node.js, Express.js, Angular, HTML and CSS**
- Check out a video demo MD-Docs [Github repo](#)

Snippet Dojo   August 2018
- Created from the ground up following inspiration from Stack Overflow
- Snippet Dojo allows users to save snippets of code from other users into their profile for quicker long-term access
- Grew 150+ users within a month from the initial launch
- Technologies used: **RESTful API**, **Python/Django, SQL, JavaScript, jQuery, Ajax, HTML and CSS**
- Check out Snippet Dojo [Github repo](#)

AWARDS
SUNY Chancellor's Award for Student Excellence   April 2018
- Selected as one of 249, out of 600,000 students to receive the SUNY Chancellor's Award for Student Excellence for most outstanding students from the SUNY system which highlights exceptional leadership and academic excellence

Excellence in Computer Information Systems Award   May 2018
- Selected as one out of 205 Computer Information System (CIS) students to receive the 2018 Excellence in Computer Information System Award. An award that highlights outstanding academic achievement and intellectual ability in their Computer Science's courses

EXTRACURRICULARS
- Campus Resident Assistant
- Competed in Division II NCAA Intercollegiate Track and Field Championships
- Hosted the 2018 SUNY Buffalo State College's EOP honor convocations
- Selected as one of 250 members for Educational Opportunity Program (EOP) for students who show ability and motivation in the face of economic and academic challenge
- Member of the Inroads leadership program for developing and preparing talents for corporate and community leadership