

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 **3.89/4.0 GPA**
- **Relevant Courses Studied:** Data Structures, Computer Operating Systems, Database, Information System Security

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
- Learned to implement Secure **HTTP Protocols** with **RESTful API** using **C#, Java, JavaScript, Python and SQL**

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Microsoft, Redmond, WA

February 2019 – June 2019

Software Design Engineer (*Apprenticeship Via InConsulting*)

- Part of the Microsoft **System Center Configuration Manager (SCCM)** Engineers Team
- Fix bugs and implemented new features for our SCCM product
- Improving customers' satisfaction by using customer's feedback to improve our SCCM products
- Technologies used: **C#, C++, SQL Server, XML and Git**

State University of New York College at Buffalo

January 2018 – May 2018

Front-End Web Accessible Internship

- Contributed to improving the University's website accessibility by creating a web Self-Audit Wave Baim checklist that endorses the guidelines of the World Wide Web Consortium (W3C).
- 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
- Technologies used: **Microsoft Access, Excel and Visual Basic**

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 [here](#)

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 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 [here](#)

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 <http://snippetdojo.com/>

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