Raymond Korir

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EDUCATION

Bachelor of Science in Mathematics and Computer Science　　　　　Sep 2016 - Sep 2020
University of Nairobi

Diploma in Computer Science　　　　　Jul 2018 - Sep 2018
Tsinghua University

WORK EXPERIENCE

Software Engineer　　　　　Sep 2018 - Dec 2019
Inuua Tujenge, Nairobi Kenya

- Designed and built new features with Python 3.8 / Django 2+.
- Tested , contributed, deployed, and scaled with DevOps team (kubernetes/GitlabCI/AWS),
- Worked closely with frontend developers.
- Learnt and proposed improvements, so we could stay at the cutting edge of web development.
- I improved some existing source codes by ensuring clean and efficient codes.
- Helped less experienced engineers to grow and develop

ADDITIONAL EXPERIENCE

J.P.Morgan Chase *Virtual Experience Program Participant*　　　　　5 Hours - Dec 2019
Participated in the open access JPMorgan Chase Virtual Experience Program with Forage.

- Built an interface with a stock price data feed and set up your system for analysis of the data and visualization usng Typescript
- Implemented backend using Perspective open source code and used it to create the chart for the trader's dashboard
- Open source contribution - Made a contribution to Perspective and other project backlogs

Goldman Sachs *Virtual Experience Program Participant*　　　　　2 Hours - Oct 2020
Participated in the open access Goldman Sachs Virtual Experience Program with Forage.

- Cracked leaked password database
- Analyzed results and proposed uplifts to controls and policies

PROJECTS

Blockcerts *Certificate Verification System using Blockchain*　　　　https://uonbi.academia.edu/korirraymondkipngetich

East Africa UNODC Hackathon 2020 *Cryptography, Blockchain*　　　　https://github.com/raymondfx/uptechafrica
Built Whistleblower platform using Blockchain Technology

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Languages　　　Python, Java, C++, .Net, JavaScript, TypeScript, SQL, API(GraphQL,REST)

Technologies　　　Backend Engineering, System Design, Databases, Automation, Windows, Linux, Micro-Services (Docker, Kubernetes), Cloud Computing(Microsoft Azure, AWS, GCP)