Curriculum Vitae of Rodney S. Tholanah

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CAREER PROFILE

I completed my Bachelor of Science Degree majoring in Computer Science and Information Systems in 2020 and I am enthusiastic about pursuing a career in computer security. I enjoy working in multicultural environments and learning new skills. I am extremely curious and very interested in knowing how things work. I also like working in a team as I like sharing ideas and collaborating with other people towards a common goal. I am very organized and self-motivated which means I can work well as an individual. I am looking for an entry level position where I can be challenged and broaden my areas of expertise while I build a strong foundation which I can use to grow within my chosen career path.

PERSONAL SKILLS & COMPETENCIES

Technical Skills:

- Agile and Structured development processes: Waterfall, Spiral development and Prototyping
- Competent in C#.Net
- Competent in PHP
- Novice in Python, C++, JavaScript, F# and MIPS Assembly language
- Familiar with PostgreSQL and MySQL
- 6-week project using HTML5, CSS and JavaScript

Interpersonal, Communication and Presentation Skills:

- Strong ethical conduct
- Strong interpersonal skills and willingness to work under pressure to meet deadlines
- Excellent research and presentation skills

Systems Development Skills

- Requirements elicitation, negotiation and validation
- Knowledge of UML and ability to use modeling tools such as Visio

WORK EXPERIENCE

- **University Information Systems system development group project**
  February 2020 – October 2020

  Key Responsibilities:

- designing the system class diagram

- designing and creating the database
- programming the backend
- creating a few pages including the help page

Tools Used:

- Visio and Lucidchart
- PHP
- HTML, CSS and JavaScript
- MySQL

Challenges:

We encountered many different problems but the biggest one was the lockdown caused by the pandemic. We had to communicate through emails, Zoom and WhatsApp as we could not have physical meetings. We persevered and the project was a success.

EDUCATION

2018 – 2020   Rhodes University, Grahamstown

BACHELOR OF SCIENCE (COMPUTER SCIENCE AND INFORMATION SYSTEMS) DEGREE

Minor subjects: Mathematics, Physics, Statistics, Electronics, Cell Biology, Economics, Zoology

Principle Subjects/Occupational skills covered

- Object Oriented Systems Analysis and Design
- Agile and User Interface Design
- Web development and information architecture
- Project Management
- Advanced Programming and computer architecture
- Operating Systems and Databases
- Theory of Computation
- Functional Programming

2012 – 2017   Saint Augustine's High School, Penhalonga

GCE ADVANCED LEVEL (A-LEVEL) – Full Matriculation Exemption

A-Level Subjects: Mathematics, Statistics, Computing

O-Level Subjects: Mathematics, Statistics, Computing, Chemistry, History, English, Biology, Accounting, Geography

VOLUNTARY WORK

Period: 2020 –

Organization: Rhodes University Community Engagement

Tasks: Tutoring and Mentoring

INTERESTS AND ACTIVITIES

I like both playing and watching soccer, learning new languages, and taking part in community engagement activities. I am also interested in martial arts (currently learning karate) and I am also learning first aid skills.

REFERENCES

Dr Yusuf Motara

Relationship: Lecturer

Contact: Phone: 046-603-8628   email: mailto:Y.Motara@ru.ac.za

Prof Greg Foster

Relationship: Lecturer

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