Donatus Silva Richard

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PROFILE SUMMARY

- Experience creating responsive and interactive web application
- Knowledge of core web principles and programming concepts

EXPERIENCE

ASSOCIATE - TECHNOLOGY | SGS WINDSOR | FEBRUARY 2018 – JULY 2019

· Provide customer with product and service information
· Identify, research and resolve technical customer issues as trained
· Diagnose, troubleshoot and resolve basic to advanced technical concerns
· Document customer notes, reports and logs
· Meet client contractual goals and metric with regards to providing the customer excellent service

RESEARCH ASSISTANT | UNIVERSITY OF WINDSOR | JANUARY 2016 – SEPTEMBER 2017

- Research on Design for Test methodologies with focus on secure scan architecture and Built in Self-Test(BIST)
- Published 3 technical articles in International conferences on security for scan architecture
- Implemented RSA algorithm using C++ and Verilog

PROGRAMMING SKILLS

- HTML, CSS, JavaScript, Python, Java, C, C++
- Database: Postgres, MariaDB, MySQL

INDEPENDENT PROJECTS

FACE DETECTION APPLICATION
- Built an interactive web application that can be used to detect faces on pictures using a machine learning API
- Users can sign up to use the application and they are ranked based on the number of times the app has been used
- Built a server for the app that routes the user to register, sign in and sign out of the app
- It also stores the user information in a database
- Technologies used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, PostgreSQL

FRIENDFINDER APP
- Built a responsive web application that can be used to search through your friend list and get their contact information
- Technologies used: HTML, CSS, JavaScript, React.js

WEBSITE BLOCKER
- Built a website blocker that blocks access to social media sites during specific hours of the day
- Technologies used: Python

EDUCATION

Master of Applied Science – Electrical Engineering (Thesis on Phase locking authentication for Scan Architecture)
University of Windsor, Windsor, ON - September 2017