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AMMAR ESSAJEE

Software Developer
United States Citizen

EDUCATION

LOUISIANA TECH UNIVERSITY

Ruston, LA

**B.S. Computer Science: Concentration in
Cyber Security Candidate (May 2020)**

Relevant Coursework

Reverse Engineering
(QeMu/Firmadyne/Netstat)
Game Design (Unity/Playmaker)
Computer Graphics (Maya/Unreal)
Computer Networks (Wireshark)

Extracurricular Activities

National Society of Leadership and
Success (NSLS)
Zeta Chi Fraternity (Director of
Athletics, Historian, & Head of Social
Committee)
Competed in CyberStorm (Hackathon)
Competed in Game Jam (Unity 2D/3D,
Playmaker, C#)

ADDITIONAL SKILLS

Familiar with Python, Java, C++, C,
C#, HTML, CSS, JavaScript, Arduino

Comfortable with Maya, Unreal,
Playmaker, Unity 3D, Photoshop
(developed games)

Worked with SQL/MySQL

Understand fundamentals of Artificial
Intelligence (Neural Networks,
Perceptron Learning)

Experience with Web Framework
development (Python Flask)

Base knowledge of assembly language

Fluent with Microsoft Office Suite

Worked on website using python flask
framework, jinja2, bootstrap

CAREER OBJECTIVE

As a software engineer, with a bachelor's degree from Louisiana Tech University, I majored in Computer Science with a concentration in cyber security. I have considerable experience in software development, cryptography, reverse engineering, and the system design life cycle. I also have become well versed in dealing with multiple programming languages in order to get job-specific tasks completed accurately and efficiently. My main skills are versatility and a working understanding of the various programming languages that I have studied. I am confident in my ability to utilize my skills and knowledge to complete the necessary tasks required, be it web development, front-end, back-end, or full stack software development. I have been described in the past, by peers and professors, as a hard-working individual, and I feel confident that if given the opportunity, I can be relied upon by your company to help achieve any and all goals that have been set forth.

PROFESSIONAL EXPERIENCE

Web Developer

Freelance / Jun 2020 – Jul 2020

- Created, designed, and developed a business website De Novo for an international insurance brokerage firm - Essajee Carimjee Insurance Brokers (Pvt) Ltd.
- Worked closely with clients to deliver a tailored website which was customized to their satisfaction.
- Some features that were implemented: Google Maps API, Lightbox, contact forms, and full scalability on all devices. The website can be viewed at: www.essajee.com

Summer Internships

Virtusa, Colombo, Western Province / Jun 2018 – Jul 2018

- Assigned the role of a software architect and a business analyst.
- Responsible for organizing a charity event (raised approx. \$2000) and developing a technological model that promotes non-linear revenue growth within the company.
- The completed model was presented to the Virtusa board of directors and leaders of various companies (75+ members).
- Virtusa/Unilever Summer Internship Program (Virtusa HQ located in Southborough, MA). Newspaper article link: <http://www.ft.lk/hr/Virtusa-and-Unilever-inspire-5th-batch-of-summer-interns/47-662040>

Senok Audi, Colombo, Western Province / Jun 2017 – Jul 2017

- Some responsibilities during this internship were: presenting cars to customers, going on test drives, attend meetings with potential clients, and delivering new cars to and from the workshop.

John Keells Stock Brokers (Pvt) Ltd, Colombo, Western Province / Jul 2016 – Aug 2016

- Shadowed stockbrokers as they bought and sold stocks.
- Worked in trading, sales, and research departments.
- Created a business model that was intended to predict annual the revenue flow of a hotel.

PERSONAL EXPERIENCE

Personal Projects

Senior Capstone Project - Stargazer, Louisiana Tech University / Jan 2020 – May 2020

- Worked alongside a team of students as a front-end developer to create a full stack web application using Python Flask, Bootstrap, Jinja2, HTML, and CSS.
- Stargazer was essentially a website for astronomy enthusiasts in the Ruston, LA area.
- The website included features such as: weather information, objects of interest, and a social media platform with a functioning user management system.

React Web Application – Portfolio Website / Nov 2020 – Dec 2020

- Created and designed this website from scratch using a JavaScript framework.
- Some of the technology used: React.js, React Router DOM, JSX, JavaScript, CSS, Bootstrap 4, Material Design Bootstrap (MDB).
- Designed the website content based on my portfolio requirements and content. The website is fluid, responsive, and includes automatic scaling for various screen sizes and devices.
- Visit the website here! <https://compassionate-babbage-774fa0.netlify.app>