Nipuna Weerapperuma

nipuna.weerapper@ufl.edu · https://nipunaw.github.io/

Education

University of Florida	Presidential Platinum Scholar
BS Computer Engineering, BA Business Administration; *GPA: 3.97*	Aug 2018 - May 2022

Experience

Charter Communications (Spectrum)
Enterprise Operations Intern — June 2020 - August 2020

- Undertook and fulfilled approximately 40 service acceptance tickets in Salesforce for Managed Voice Trunking (MVT) team
- Catalogued 12 discoveries and tasks for Customer-premises equipment (CPE) Deployment Optimization ticket in the company JIRA
- Updated the MVT webpage displaying team structure, contacts, and service acceptance procedures on the CHALK database
- Educated team members on updated service acceptance protocol via 1-on-1 meetings (> 5 hours)

Computer Mentors
Curriculum Development Intern — June 2017 - October 2017

- Solidified HTML5, CSS3, and JS skillset (40+ hours) through TeenTech's web application program
- Compressed (12-13%) several sections of the TeenTech web application curriculum for increased clarity and comprehension
- Networked with organization to incorporate yearly tech challenge at Middleton High School

Vision
Lead Web Solutions Developer — October 2016 - February 2017

- Developed an e-commerce shopping interface for a business-to-business cabinet-making company embracing automation
- Created the frontend where unique parameters (e.g. hinge type, glide type, finish) are input by the customer
- Utilizes Javascript-based multi-attribute formula to inform customer of price based on parameters and to interface with server
- Co-developed PHP backend which keeps track of account tokens and outputs a CSV file with all parameters to a remote server location upon customer purchase for the milling machine to read

Skills

Programming Languages:	Java, C++, Python, C#, C, Assembly, VHDL, JS
Hardware Proficiencies:	Digital Logic (ALU, CPU), Microprocessors, Digital Design (FPGA)
Interests:	Entrepreneurship, Team Management, Data-driven applications

Projects

Kanzen Analytics *Python, Django, Dash, Plotly* — https://github.com/nipunaw/Kanzen-Analytics
Data-visualization web application that presents and predicts search analytics for animated shows

Lotus *Python, PyQT5, PyTesseract, OpenCV* — https://github.com/nipunaw/Lotus
Dynamic and modular notespace that translates the benefits of typing to writing.

Mint Merch *HTML, CSS, JS* — https://nipunaw.github.io/mintmerch/index.html
District-winning (1st place) submission for the E-Business FBLA 2017 prompt

Exoskeleton *AutoDesk Inventor*
Project Lead The Way (PLTW) project to reduce back injury incidence in glass and glazing