

# NIPUNA WEERAPPERUMA

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## EDUCATION

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### University of Florida

BS Computer Engineering, BA Business Administration; *GPA: 3.97*

Presidential Platinum Scholar

Aug 2018 - May 2022

## EXPERIENCE

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### 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

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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

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**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) capstone project to reduce back injury incidence in glass and glazing