Suvrat Jain

A close up of a logo

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 A close up of a sign

Description automatically generated <https://www.linkedin.com/in/suvratjain97/> <https://github.com/suvratjain12>

# Education

University of Central Florida, Orlando, FL  December 2019

Major: Bachelor of Science in Computer Engineering GPA: 3.7

Minor: Intelligent Robotic Systems

Relevant Coursework:

* Completed: Computer Science, OOP, Operating Systems, Computer Architecture, Embedded Systems
* Currently Enrolled: Artificial Intelligence, Electronics 2, Introduction to Robotics

# Skills

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Programming Languages | Software Tools | Hardware Tools | Spoken Languages | Other |
| Java | Git | Raspberry Pi | English | Data Structures |
| C | Terminal | Arduino | Hindi | Algorithms |
| Python | Microsoft Office | MSP 430 | Punjabi | Computer Networking |
| Go | Eagle CAD | Soldering | Spanish (Basic) | Electrical Networks |
| Bash | Multisim | Oscilloscope |  |  |
| Assembly | Code Composer Studio |  |  |  |

# Professional Experience

Universal Creative (Orlando, FL) – Engineering Intern August 2018 – Present

* Implementing non-GPS navigation system for UAVs by reengineering the onboard computer
* Making test plans for R&D purposes and documenting the strengths and limitations of the system
* Developing and maintaining vendor relations by organizing meetings and keeping up with project development
* Presenting the project to Universal’s creative team to discuss the potential use of this technology in the parks

PraxSoft Inc. (Orlando, FL) – *Assistant Engineer* May 2017 – November 2018

* Worked with wireless sensors and embedded controllers for commercial and R&D applications
* Tested and Troubleshot sensors and PCBs using analysis tools such as Terminal and Electrical Schematics
* Conducted data analysis and generated technical reports that were turned in to FDOT
* Maintained strong customer relations by providing quick feedback and assistance when required

# Projects

Android App – *Project Manager & Software Developer* June 2018 – August 2018

* Designed a Rock Paper Scissors Android app that supported multiplayer gaming sessions
* Configured a full LAMP stack on a Raspberry Pi to use it as a server for deployment
* Organized the project and delivered an investment pitch for class presentation

IEEE PES Water Analogy of a Circuit – *PCB Designer*  February 2018 – May 2018

* Determined the required components to demonstrate the theory of an electrical network using water
* Designed the layout of the sensor placement and integration using custom designed PCB & Raspberry Pi
* Collaborated with the team on a weekly basis to monitor the development of the project

# Campus Involvement

Tau Beta Pi Engineering National Honor Society – *Secretary*IEEE PES – *Member*