

Satyam Giri

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Education

MSc: Software Engineering

Graduation: Dec, 2020

Bowling Green State University, OH

BSc: Computer Science, Minor: Robotics

Graduated: May, 2018

Honors College: South Carolina State University, Orangeburg, SC

Skills

- **Programming:** Java, JavaScript, C#, .Net, COBOL, Tableau, SAS, Python, R, Ruby on Rails
- **Web:** SQL, HTML5, CSS, jQuery, Wix, Ruby on Rails
- **Tools:** Visual Studio, Xcode, Eclipse, SQL Server Management Studio, Unity, React Native

Professional Experience

UI/UX Intern at Helpsyhealth

May 21, 2020 – Aug 21, 2020

- Gathered and evaluated user requirements with Helpsy's engineering team. Designed flows and interaction for mobile and web and also assisted on necessary documentation for the applications.
- Produced prototypes, storyboards, etc, to communicate functionality, user experience, and development cycle.
- Designed, developed and executed automation test scripts and test results for iOS, and Android Phone apps

Graduate Assistant at Office of Undergraduate Education at BGSU

Jan 28, 2019 – May 15, 2019

- Data Analysis of college student data received from different department and sources. Worked to create chart and diagram of the result and submitted to admission department.
- Used Power Bi, Flow, SharePoint, CSS, Ribbon and Power apps to integrate data and show meaningful result.
- Worked with R language to create prediction model and used Python for A.I. and data mining

Data Analytics Intern at 1890 Research Project in S.C.S.U Business Department

Jun 15 –Aug15, 2018

- Acquired data from primary and secondary data sources and maintained databases systems
- Worked in sorting large data sets to identify trends, patterns and relationships
- Used Access, SharePoint, Power BI and tools including; scripting language Python, SQL, Excel and SAS

Boeing Capstone Project

Feb 2018- April 2018

- Implemented a web based smart display that provides important information about mid-body assembly operations such as abnormal conditions, job status and airplane information.
- Used HTML, CSS, Angular JS and MySQL for creating the page

Web-Developer at Digital Media Integration Lab

May 15,2016 -July 31, 2017

- Developed website using HTML, CSS, JavaScript and .NET for the clients Freemans Bbq, Ferses, Clinton Sease Farm, Fiddler's Honey, Keith's Red Barn Bbq to help reach 15% more customers and to increase sales number by 10%.
- Helped create marketing strategy and attract audience using tools like Search Engine Optimization(S.E.O.), Google Analytics, and Web Master Tools for the clients
- Designed Logo for Plant Depot, Orangeburg, SC and Beauty by Design, Orangeburg, SC
- Created Excel Analytic Database for South Carolina's Small Business Development Centre(SBDC) to find out areas to focus their training on.
- Created a SQL database to manage all research data and to analyze data for IT hosted events to formulate a report that helped SBDC to make future strategies to improve support to agribusiness in South Carolina
- Helped in designing and creating online website for research project in Agbusinessdmi

Internship at SCSU Physics Department

June 15- July 31, 2015

- Worked on a project by N.A.S.A to find ways to increase efficiency at solar cell.
- Created a database to store and analyze data and helped create a report of the findings for NASA

Android and iOS App Developer

- Created Reverse Word App and Animal Guessing Game App using Xcode tool
- Designed and developed android Game named **Massai VS Lion** in Unity, available at Play Store
- Used React Native cross platform to develop **Mantra Power** App, available at Play Store

Leadership

- Association for Computing Machinery-Student Chair
- Institute of Electrical and Electronics Engineers- Vice President
- National Society of Black Engineers-Member
- International Student Association- President

Sept 2016- May 2018

Nov 2016 –May 2018

Aug 2015-Present

Feb 2015 – May 2017

Other Activities and Awards

- **International Student of the Year 2016 • Second Prize** winner for Innovation and Entrepreneurship S.T.E.M. Competition at SC State University, Nov 2017 • HackHarvard 2017, HackNC 2017 at UNC, HackMIT 2016• **HBCU Innovation Summit 2017**, 2018 Silicon Valley, Poster Presentation **PAWC Conference 2017** at Tuskegee University, • **NSBE17 Conference** Kansas City, 2015 Conference of the National Society of Black Physics, Dean List 2015,2016, 2017. • **HBCU SXSW conference**, March, 2019