

EDUCATION

Master of Science in Computer Science

May 2016

College of Engineering, University of Florida, Gainesville, Florida

GPA- 3.66/4.00, Awarded **Academic Achievement for Excellence** in academics

Bachelor of Technology in Computer Science and Engineering

May 2015

Jaypee University of Engineering and Technology, Guna, India

GPA- 9.10/10.00, Awarded **Vice Chancellor's Gold Medal** for highest GPA in the department

TECHNICAL SKILLS

Languages Python, Java, C/ C++, HTML5, CSS, PHP, JavaScript, MySQL, C#, XAML

Tools MS Visual Studio, MS Office Suite, WA MP, MS SQL server and Oracle 11G, Prezi, TFS, BlueJ

UX Usability Testing, Axure, Balsamiq, InVision, Focus Group Moderation, Facilitation of Interviews, Morae, Qualtrics Survey, IBM SPSS, Adobe Photoshop

Others Agile Software Development (Scrum), Software Documentation (SRS), Project Management, Version Control

EXPERIENCE

- **Solution Developer, Deloitte Consulting LLP**, Orlando, Florida, USA September 2016-Present
Consulting financial firms on integration and maintenance of extensive software systems
- **Research Assistant, Engaging Learning Lab, University of Florida** October 2015- Present
Co-PI of the project Alignment of CS/CE Curriculum and Professional Identity across the Undergraduate Population
- **UI Software Engineering Intern, Siemens Healthineers**, Issaquah, Washington, USA May-August 2016
Created and integrated a Style Library for Controls in XAML, reducing existing XAML code by 24% and developed a reference Prototype application using WPF to aid developers using the styles and promoting reusability
- **Graduate Assistant, Bridge Software Institute, University of Florida** December 2015-August 2016
Designed and implemented the new research website for the institute with cross browser compatibility
- **Software Development Intern, Softebytes**, India May-June 2015
Refactored components of the product, Business Bytes, a web based ERP Solution, using Python
- **Teaching Assistant - Web Technology Lab, JUET**, India July-December 2014
Designed the course homework, projects and resolved the difficulties encountered in HTML, CSS and PHP

PROJECT EXPERIENCE

- Conducted a **Usability Study** of an educational tool, Memrise, using Morae and SPSS May 2016
- Implemented an **RPAL Compiler** (Lexical Analyzer, Parser and CSE machine simulator) in C++ May 2016
- Designed an educational technology tool, **Collaborative Learning in Kids** to aid teamwork in kids March 2016
- Designed a **MIPS Simulator** that supports pipelining using Java December 2015
- Directed a team of four to design **Royal Bank of Canada's In Car Banking Application** December 2015
- Conducted user research to craft the wireframes for **University of Florida, Parking Application** October 2015
- Designed a **Data Structures and Algorithms Scaffolder** tool that visualizes DS and algorithms April 2015
- Developed a **Movie recommendation** web application using MySQL, PHP, HTML and CSS April 2015
- Implemented a **Food Chain** web application that allowed users to order food using reverse geocoding July 2014
- Directed a team to develop an **Encrypted Mailing System** based on RC4 Algorithm using Python December 2013

LEADERSHIP AND VOLUNTEER EXPERIENCE

- **Employer Relations Ambassador**, Career Resource Center, University of Florida August 2015-May 2016
- Volunteer, "Late Smt. E.S. David Memorial Trust", NGO, India teaching CS to school children July 2013-June 2014
- **Lead Creative**, Google Student Community, JUET, India, organizing events for Google Inc. July 2013-June 2014
- **Event Manager**, JYC Literary Wing, JUET, organizing 4 events with more than 300 attendees July 2013-June 2014

STANDARDIZED TESTS

TOEFL (September 2016) – 103/120 and **GRE (October 2016)** – 170/170 (Quant), 154/170 (Verbal) and 4.0 (AWA)