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USA

AMANPREET KAPOOR

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OBJECTIVE

Seeking a UX Design and Research position where I can use my engineering and research background, creativity, interpersonal skills and analytical skills to conduct user research and design for the end users.

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, WAMP, 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

➢ **UI Software Engineering Intern, Siemens Healthineers,** Issaquah, Washington, USA   May 2016-Present

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

➢ **Full Stack Web Developer, Bridge Software Institute, University of Florida**   December 2015-Present

Designing and implementing the new research website for the institute with cross browser compatibility

➢ **Research Assistant, Engaging Learning Lab, University of Florida**   October 2015- May 2016

Co-PI of the project Alignment of CS/CE Curriculum and Professional Identity across the Undergraduate Population interviewing 20 students and creating and analyzing a survey of 150+ participants using Qualtrics

➢ **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