

BRIJESH BHUVA

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EDUCATION:

Master's in Computer Science, GPA: 3.50/4.00
Oregon State University, Corvallis, OR

Graduation: Mar 2020

GRADUATE TEACHING ASSISTANT

CS 361 – Software Engineering Sep 2019 – Present

- Directing students with *Software Engineering Methodology* and Evaluated assignments and projects

CS 493 – Cloud Application Development Apr 2019 – Jun 2019

- Directed students with *Node.js, Express, Postman & Docker* and Evaluated assignments and projects

CS 340 – Introduction to Databases. Jan 2019 – Mar 2019

- Directed students with Node.js, MySQL and Evaluated assignments and projects

GRADUATE RESEARCH EXPERIENCE

Graduate Research Assistant at Oregon State University College of Engineering Jun 2018 – Present

- Collaborator and Content Manager – *Open source GitHub Project GenderMag Recorder's Assistant Tool* (chrome extension) freely available on Google Chrome Web Store
- Designed Poster and Submitted showpiece Paper on GenderMag Recorder's Assistant Tool at VL/HCC Conference 2018, Lisbon, Portugal. (<https://ieeexplore.ieee.org/document/8506505>)
- Reduce the process time by developing a web application for customizing GenderMag persona. (Gendermag.org)

INDUSTRY EXPERIENCE

Information Technology Assistant at Oregon State University College of Pharmacy Feb 2018 – Sep 2018

- Developed and updated the web contents of College of pharmacy website for optimal speed and performance.
- Worked on web-based faculty activity reporting solution tool Digital measures.

Software Specialist at EClinicalWorks (U.S Healthcare I.T) Apr 2014 – Dec 2016

- Responsible for E2E software flow from *client requirement gathering, decision making, development*
- Designed application web pages using *web technologies (JSP, JS, JSON, core java)*
- Deployment (App and DB cloud), configuration, Datacenter monitoring for client till Go live period
- Responsible for DB recovery, App support, troubleshooting complex integration issues, Documentation
- Responsible for reporting services implementation on Windows & Linux using IBM Cognos Analytic Framework.

PROJECTS

Improving Usability of University Website - Institutional Review Board (IRB) site

Persona, Balsamiq, Heuristic Evaluation, Interviews, Usability testing

- Enhanced usability and efficiency of Institutional Review Board (IRB) site by reducing steps
- Created a persona, identified a match for the persona and interviewed the individual
- Implemented heuristic evaluation to understand various user flows
- Built lo-fi and hi-fi prototypes and conducted user testing

Code Crypt (Agile Methodology)

- Web application for securely sending messages with different encryption and decryption technique
- CS 561 Software Engineering - Agile Software Development methodology

Soccer Player Statistics (Data Analytics)

- Data cleaning on raw Kaggle csv files and dumping of all data into SQL environment for future processing.
- Created web application based on Data analytics forecasting best player and player position on ground (Node.js)

E-Class Board with Wii Remote

- Transformed black board with interactive low cost, remotely accessed white board with use of Nintendo Wii console.
- Responsible for saving all the white board crafted data Secularly on server (CORE PHP, MYSQL, HTML, JS,)

ACTIVITIES & HONORS

- Member of "Leadership Academy" - Oregon State University
- "Hack-track Level 1 & 2" Ethical Hacking Course, IIT Bombay, India
- Anveshan'13, National level Project Showcase with "E-Class Board" Project
- CS.169-1X Software as a Service, The University of California Berkeley Through edX