

SHREY KHUNTETA

Contact

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Github: <https://github.com/SKhunteta>

Tools

React, Redux, C#, Git, Docker, Agile, Azure DevOps Server/TFS, SQL, MVC design patterns, Entity Framework, LINQ, ASP.NET MVC, SQL Server, .NET Core, Adobe XD, REST APIs, node.js

Projects

Tut-Tut: The IoT Raindrop Detector

Designed an open-source Internet connected raindrop detector. Detector calculated rainfall intensity and average frequency between raindrops, and sent the data with PushingBox API to a Google Sheet that integrated with the mesh network of IoT devices around Oregon State University.

Spotify Remote:

Designed Android app in Java with Spotify API with which the user could play songs on other phones, laptops or Amazon Echos for example. App had search function allowing users to look up songs, artists, albums and playlists to expand their musical interests.

Amazon Coupon System Redesign (UX project)

Created redesigned mockups, wireframes and prototypes of the Amazon coupons system using HCI and inclusive design principles. The goal of this was to reduce cognitive overload and make the system more accessible to low income users. In creating this redesign, I created a series of personas and made my wireframes and prototypes in Balsamiq.

Summary

Software engineer hungry for impactful work, interesting challenges, and growth potential, preferably in the realm of public, civic and community service.

- Fast learner, able to pick up different tools and codebases
- Strong leader with exceptional communication and empathetic skills (i.e., listening, interpersonal, written and verbal)
- US Citizen – no visa required. Fluent in English and Hindi.

Experience

Software Developer, Center for Applied Systems and Software
Corvallis, OR — May 2017 – June 2019

- Wrote MVC applications with a test driven development approach using cshtml, SQL databases and C# in Visual Studio and with Bootstrap.
- Conducted unit, functional and integration tests, checking edge cases, usability, and general reliability
- Managed and participated in projects throughout the Software Development Lifecycle (SDLC) for web development projects such as TripCheck Local Entry (admin view) and Major Incident Report.
- Improved the architecture and development of large-scale implementations and custom .NET web applications for ODOT
- Worked on bug fixing and participated in code reviews, improving overall application performance
- Position held full and part time during school

Research Assistant, CHARISMA Robotics Lab
Corvallis, OR — September 2017 – June 2018

- Worked as a project manager of ongoing projects in the lab
- Conducted research on human-robot interaction, non-verbal machine communications and non-anthropomorphic social robots.
- Ran Wizard of Oz (WOz) experiments with ChairBot robotics project.
- Conducted dozens of qualitative research interviews. Assisted in the design of research studies and qualitative research interview questions.

QA Automation Engineer, Kannact Inc
Portland, OR — June 2015 – May 2016

- Automated website and application tests with Selenium and Java.
- Wrote bug reports and documentation.

Education

Oregon State University

Bachelor's degree in Computer Science. Specialization in HCI and UX.
Minors in Psychology and Writing
Graduated 2019 with 3.2 GPA.