SAHAS CHITLANGE

Software Engineer ♡ UI Engineering

GitHub bit.ly/sahas-github   👤 chitlangesahas.github.io   ✉ chitlangesahas@gmail.com

EDUCATION

Arizona State University   Aug 2017 - May 2021

B.S Computer Science   Design Studies (Minor)   GPA : 3.77

SKILLS

FRONT END	HTML, CSS, JavaScript, JQuery, Bootstrap, React, Angular.
BACK END	C, C++, Go, Rust, Python, Java, Swift, Swift UI.
DATABASES	flux, SQL, MongoDB, Firebase, Firestore
DESIGN	Git, Figma, Adobe XD, Adobe Illustrator ... *and I can Google!*

WORK EXPERIENCE

INFLUXDATA
SOFTWARE ENGINEERING INTERN
June 2020 - Aug 2020

Contributed 36,999 lines of code to the Flux codebase, adding & improving features for it's stdlib packages and wrote an entire RD parser. Wrote tests with 95% coverage.

Redesigned grammar for builtin statements and implemented a full recursive descent parser in Rust and GoLang for the new syntax. This made the language more user centered, reduced development and contrib time by half.

Became the 15th most popular contributor to the codebase, [55 total].

HERBERGER DESIGN
WEB DEVELOPER INTERN
Aug 2020 - Present

Used HTML, CSS and Javascript to create 30+ new webpages, applied HCI principles to fine tune the layout of existing webpages for a better user experience [UX] and hence lower the bounce-off rate. Used hotjar heatmaps data for design decisions.

Produced prototype mockups of webpages in Figma and then translated them into real websites.

SELECTED PROJECTS

chitlangesahas.github.io/work

UI/UX, FRONT & BACK END
LINKEDIN JOB TRACKER – CHROME EXTENSION

Developed a chrome extension that injects content scripts on linkedin jobs page and lets you save and track desired job postings in a kanban style dashboard.

Used HTML, CSS, Javascript in Bootstrap framework for the front end development and Firestore database on the backend for storing data and user auth info.

FULL PRODUCT DESIGN
SELF BALANCING MOBILE TRANSPORT

Developed the self-balancing software in C++, used PID loop algorithm & Kalman Filter algorithm. Raised $1500 in funding from open pitches and grants.

Developed mobile platform application for Android using Java. The phone connects wirelessly to monitor vehicle essential data.