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 in Rust, Go, C and C++. Performed **QA Quality assurance** with tests that had **95% coverage.**

Redesigned language syntax and wrote a full recursive parser in Rust and GoLang for the new syntax. This made the language more **user friendly**, lowered development **time by half.**

Became part of the top 15th highest contributors to the codebase, [55 total].

HERBERGER DESIGN
WEB DEVELOPER INTERN   Aug 2020 - Present

Used **HTML, CSS and Javascript** to create **30+ new webpages**, applied **UI - UX** principles to fine tune the layout of existing webpages for a better user experience [UX] and lowered 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 works with linkedin jobs pages. Allows the user to save and track desired job applications, add details and notes, all in a kanban styled web app.

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++**, implemented PID 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 like battery percentage and speed.