SAHAS CHITLANGE

Software Engineer ♡ development

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

education

Arizona State University

B.S **Computer Science**

Design Studies (Minor)

GPA : 3.77

Graduate in May 2021 [Senior]

skills

C, C++, Go, Rust, Python, Java, Swift.

HTML, CSS, JavaScript, JQuery.

flux, SQL, MongoDB, Firebase, Firestore

Git, Figma, Adobe XD, Adobe Illustrator

I can Google!

work experience

INFLUXDATA   June 2020 – Aug 2020

SOFTWARE ENGINEERING INTERN

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   Aug 2020 – Present

WEB DEVELOPER INTERN

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.