

SAHAS CHITLANGE

chitlangesahas.github.io

EDUCATION

ARIZONA STATE UNIVERSITY
MAJOR : Computer Science
MINOR : Design Studies
GPA : 3.77
CLASS : 2017 - 2021

CONTACT

ADDRESS : 1065 W 1st St, Tempe, AZ
EMAIL : chitlangesahas@gmail.com
PHONE : 602 - 456 - 1814
LINKEDIN: bit.ly/sahas-linkedin

SKILLS

PROGRAMMING LANGUAGES : C, C++, Go, Rust, Python, Java, Swift.
WEB-DEVELOPMENT : HTML, CSS, JavaScript, JQuery.
DATABASES : SQL, MongoDB, Firebase, Firestore.
ETC : Git, Figma, Adobe XD, Adobe Illustrator, *I can Google!*

TL;DR

⇒ 3 years of experience engineering software for projects like Self-Balancing vehicles, open source database language [flux] and Job tracking chrome extension.
⇒ Published 20 tutorials on Instructables since 2013 and recieved over 1,139,000 views as of Aug 2020.
⇒ Knowledge of computer 3D graphics, Human Computer Interaction and design fundamentals.

PROJECT EXPERIENCE

[more at bit.ly/sahas-portfolio](https://bit.ly/sahas-portfolio)

LINKEDIN JOB TRACKER - CHROME EXTENSION
>> [HTML, CSS, Javascript, Chrome extension, UI/UX]
{
 __Developed a **chrome extension** using that injects content scripts on linkedin jobs page and let's you save desired jobs in a **kanban style** board.
 __Used **HTML, CSS, Javascript** for the front end development and **Firestore** database on the backend for storing data and user auth info.
}

SELF BALANCING MOBILE TRANSPORT
>> [C / C++, Mobile App Development]
{
 __Developed the self-balancing software in C++, used **PID** loop algorithm & **Kalman Filter** algorithm.
 __Developed **mobile platform application** for Android using Java. Phone connects wirelessly to monitor data.
}

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEERING INTERN - INFLUXDATA
>> [InfluxDB is the open source time series database]
[JUNE 2020 - AUG 2020]
{
 __Contributed **36,999** lines of code to the Flux stdlib package, it's type system and changed entire Flux syntax to make it more **user-friendly**.
 __Wrote a full recursive descent parser from ground up in **Rust** and **GoLang** for the new syntax.
 __Built the **foundational codebase** for Flux language that simplified the build process of Flux and also made it **twice as easier** to contribute to the open source Flux packages.
 __Became 15th most popular contributor to the codebase, [55 total].
}

WEB DEVELOPER - HERBERGER DESIGN SCH.
>> [Herberger school of Design at Arizona State Univ.]
[AUG 2020 - PRESENT]
{
 __Used **HTML, CSS** and **Javascript** to produce new websites and **improve** the layout of existing websites for a better user experience and hence **lower** the **bounce-off rate**.
 __Responsible for maintainance and development of all websites under the design school.
 __Produced prototype mockups of webpages in **Adobe XD, Figma** and then translated them into real websites.
 __Got experience with implementing survey forms and storing data in
}

BRAIN OF AN ENGINEER, HEART OF AN ARTIST.