

Sasin Gudipati

EE + CS @ UIUC

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www.sasinkg.com

<https://github.com/sasinkg>

I am an undergraduate student in the **Electrical and Computer Engineering Program** specializing in Power & Energy Systems at the University of Illinois, Urbana Champaign **pursuing a Computer Science Minor.**

Skills

Programming Languages: Java, Python, HTML, CSS, C/C++, MATLAB, Assembly (LC-3)

Graphic Design Softwares: Adobe Creative Suite, Blender

Education

University of Illinois at Urbana-Champaign *Class of 2023*

Electrical & Computer Engineering with CS Minor | GPA: 3.6

Coursework:

ECE 110 & 120 - Electronics & Computing

ECE 210 - Analog Signal Processing

ECE 220 - Computer Systems & Programming

PHYS 212 - Physics Electricity & Magnetism

CS 225 - Data Structures

MATH 213 - Logic & Discrete Mathematics

Projects

Portfolio Website 2021

www.sasinkg.com

Designed and programmed a portfolio website from scratch using HTML/CSS and JavaScript.

Self-Driving Car 2019

ECE 110

Created an autonomous moving car using resistive and ultrasonic sensors, operational amplifiers, MOSFETS (logic gates) and an arduino.

Experience

Graphic Design & UI/UX Contractor 2018 - Present

FREELANCE

Designed **hundreds of pieces** for various clients, varying from simple business cards to logos and animations for small start-up and personal businesses using the Adobe Creative Suite, Microsoft Office, HTML/CSS and JavaScript.

Kadama L.L.C June 2018 - August 2018

GRAPHIC DESIGN CONTRACTOR | SEATTLE, WA

Developed **tutorials** displayed on the App Store to explain application to potential users of the application as well as **marketing material** for organization including advertisements, posters and business cards using Adobe's Creative Suite as well as Blender.

Bloomz Inc. June 2017 - August 2017

MANUAL TESTER & UI/UX INTERN | REDMOND, WA

Introduced **student centred BETA platform** for product to increase market share. Assisted senior user experience developer with coding new user interface for upcoming release. Tested application and the programming behind it and provided solutions to employees using Java, HTML, CSS and Java Android Studio.

Awards & Activities

Illini Awaaz August 2019 - Present

Creative Chair & Music Director

Swaranjali School of Music 2014 - 2019

Graduated with Junior (2017) & Senior (2018) Diplomas in Hindustani Classical Vocal with highest rank.

Vedic Cultural Center 2010 - Present

Designed flyers for cultural heritage events that can be found at www.vedicculturalcenter.org

DECA 2017-2019

International Finalist (5th) in Operations Research (2017), State Champion (1st) in Start-Up Plan (2018)

