

Sagar Garg

<http://sagargarg.io>

sagargarg@gmail.com | 201.575.0558 | [LinkedIn://sagargarg1](https://www.linkedin.com/in/sagargarg1)

OBJECTIVE

PERFORMANCE-DRIVEN, HIGHLY MOTIVATED PROFESSIONAL WITH EXCELLENT LEADERSHIP SKILLS AND A BOLD PASSION FOR COMPUTER ENGINEERING AND TECHNOLOGY SEEKING SUMMER INTERNSHIP.

EDUCATION

PURDUE UNIVERSITY

MAJOR: COMPUTER ENGINEERING

MINOR: COMPUTER AND IT (CIT)

CUMULATIVE GPA: 3.92

Expect: May 2020 | West Lafayette, IN

SKILLS

PROGRAMMING

Experienced:

HTML • CSS • C • Android Development

Intermediate:

Java • JavaScript • PHP • Python • SQL

Basic:

C++ • Unity • Assembly • \LaTeX

ENGINEERING

Circuit Design

Arduino / Micro-Controllers

Soldering

3D Printing and Design

Verilog

SOFTWARE

Tableau

Matlab

Microsoft Access

Adobe Dreamweaver

Adobe Photoshop

AutoCAD / Autodesk Inventor

Git / GitHub

Microsoft Office Products

Windows / Mac OS

OTHER ACTIVITIES

Director of Purdue Research Roundtable

Co-Coord of Mathcounts Regional Comp.

BGR Team Leader - Orientation Program

Purdue Engineering President Council

EXPERIENCE

SPIRIT AEROSYSTEMS | IT OPERATIONS INTERN

May 2018 – Aug 2018 | Wichita, KS

Created Tableau Dashboards to display a schedule of operations for fabrication and assembly to know what orders are ready to be worked on. Provides better visibility for shop floor managers and directors to view operations to prevent late orders.

OFFICE OF ENROLLMENT MANAGEMENT | WEB DEVELOPER

May 2017 – Sept 2018 | West Lafayette, IN

Updated and developed pages for the Purdue Admissions website using a Content Management System along with HTML, CSS, JS, PHP, Dreamweaver, and Photoshop.

ENGR 133 | UNDERGRADUATE TEACHING ASSISTANT

Aug 2017 – Dec 2017 | West Lafayette, IN

Peer Teacher for a first-year engineering course for incoming EPICS students which focuses on teaching students how to use Excel, Matlab, and Arduino.

EPICS WISE | SLAC DESIGN LEAD

Jan 2017 – May 2017 | West Lafayette, IN

Led a sub-team to develop a web application that aimed at helping audiology students at Purdue practice administering hearing tests to test patients. Specifically worked on user experience and JavaScript functions to run the program.

MYREGISTRY LLC | WEB DEVELOPMENT INTERN

May 2015 – July 2016 | Fort Lee, NJ

Worked closely with the development team to create responsive visually appealing sites that feature user-friendly design using HTML, CSS, JS, and JQuery.

PROJECTS

MAZE RUNNER | ECE 362 MINI-PROJECT

Oct 2018 - Dec 2018 | West Lafayette, IN

Used a STM32F0 micro-controller to program a 32x32 RGB LED Matrix. Created a maze game where the user utilizes a four button directional keypad. Worked on hardware design to fit circuit on a PCB board as well as some C programming.

- Won the People's Choice award at the Fall 2018 Spark Challenge.

HELP THEM | HACKATHON PROJECT AT HACKILLINOIS SPRING 2017

Feb 2017 | Urbana-Champaign, IL

Built an android app that quickly diagnoses if a person needs medical attention using a series of yes and no questions; before giving the user exact instructions on how to deal with the situation. Specifically worked on the logic and front-end development.

- Won the best use of the IMO API at HackIllinois.

EXTRACURRICULAR ACTIVITIES

PURDUE SOCIETY OF PROFESSIONAL ENGINEERS | PRESIDENT

Jan 2017 – Present | West Lafayette, IN

The Purdue Society of Professional Engineers (PSPE) goal is to promote professionalism, leadership and ethics within the engineering profession. Specific role is to provide leadership and vision by leading bi-weekly membership and officer meetings while communicating with student organizations, faculty, and sponsors.