# Sagar Garg

http://sagargarg.io

sagargarg@gmail.com | 201.575.0558 | LinkedIn://sagargarg1

## OBJECTIVE

Performance-driven, highly motivated professional with excellent leadership skills and a bold passion for computer engineering and aviation.

## EDUCATION

### PURDUE UNIVERSITY
Major: Computer Engineering
Minor: Computer and IT (CIT)
Cumulative GPA: 3.94
Expected 2020 | West Lafayette, IN

### BERGEN COUNTY ACADEMIES
Academy for Engineering and Design Technology (AEDT)
Graduated 2016 | Hackensack, NJ

## SKILLS

### PROGRAMMING
Experienced:
HTML • CSS • C • Android Development

Intermediate:
Java • JavaScript • PHP • SQL

Basic:
Python • Unity • IOS • LaTeX

### ENGINEERING
Circuit Design
Arduino / Micro-controllers
3D Printing
Soldering
Laser Cutting
CNC Milling

### SOFTWARE
Tableau
Matlab
Microsoft Access
Adobe Dreamweaver
Adobe Photoshop
Adobe PhoneGap
Autodesk Inventor
AutoCAD
Git / GitHub
Google Analytics
Microsoft Office Products
Windows / Mac OS

## 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 – Present | West Lafayette, IN
Working closely with the Office of Enrollment Management at Purdue to update and develop web pages for the Purdue Admissions website using a Content Management System along with HTML, CSS, JS, PHP, Adobe Dreamweaver, and Adobe 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.

### EPICS GAQT | Arduino Web Interface Design Lead
Aug 2016 – Dec 2016 | West Lafayette, IN
Directed a sub-team to develop a satellite receiver system that transferred data between an air quality device that measured indoor air pollution in kitchens of Western Kenya and the team website.

### 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

### HELP THEM | Hackathon Project at HackIllinois Spring 2017
Feb 2017 | Urbana-Champaign, IL
Built an android application that quickly diagnoses if a person needs medical attention or not 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 of the android app.
- 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.