

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 AVIATION.

EDUCATION

PURDUE UNIVERSITY

MAJOR: COMPUTER ENGINEERING

MINOR: COMPUTER AND IT (CIT)

Expected 2020 | West Lafayette, IN

Cumulative GPA: 3.93

BERGEN COUNTY ACADEMIES

ACADEMY FOR ENGINEERING AND

DESIGN TECHNOLOGY (AEDT)

Graduated 2016 | Hackensack, NJ

SKILLS

PROGRAMMING

Experienced:

HTML • CSS • C • Android Development

Intermediate:

Java • JS • PHP • PhoneGap • SQL

Basic:

Python • Unity • IOS • \LaTeX

ENGINEERING

Circuit Design

Arduino

Micro-controllers

3D Printing

Soldering

Laser Cutting

Waterjet Cutting

CNC Milling

SOFTWARE

Matlab

Adobe PhoneGap

Adobe Dreamweaver

Autodesk Inventor

AutoCAD

Git / GitHub

Google Analytics

Microsoft Office Products

Windows / Mac OS

Adobe Photoshop

EXPERIENCE

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.

MYREGISTRY LLC | WEB DEVELOPMENT INTERNSHIP

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.

HACKBCA II | LOGISTICS

Fall 2014 – Apr 2015 | Hackensack, NJ

- Aided in organization for HackBCA II, a high school hackathon
- Day-of logistics and photography
- Directed construction on trophies given to hackathon winners

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.

UNIT CONVERTER | PUBLISHED ANDROID APP

Nov 2014 – Feb 2015

Built a simple, smart, and effortless way to convert units with a clean and easy to use user interface. Features fast, real time conversion that includes ten different units.

- Published on the Google Play Store with 35,000+ downloads to date.

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.