

Sagar Garg

<http://sagargarg.io>

sagargarg@gmail.com | 201.575.0558 | Github://sagargarg

OBJECTIVE

SEEKING INTERNSHIP AND CO-OP OPPORTUNITIES IN THE COMPUTER ENGINEERING FIELD.

EDUCATION

PURDUE UNIVERSITY

MAJOR: COMPUTER ENGINEERING

MINOR: COMPUTER AND IT (CIT)

Expected 2020 | West Lafayette, IN

Cumulative GPA: 3.92

BERGEN COUNTY ACADEMIES

ACADEMY FOR ENGINEERING AND DESIGN TECHNOLOGY (AEDT)

Graduated 2016 | Hackensack, NJ

SKILLS

CODING

Experienced:

HTML • CSS • C • Android Development

Intermediate:

Java • JavaScript • PHP • Python • SQL

Basic:

Chrome Extensions • Unity • IOS • \LaTeX

ENGINEERING

Circuit Design

Arduino

Micro-controllers

3D Printing

Soldering

Laser Cutting

Waterjet Cutting

CNC Milling

SOFTWARE

Matlab

Dreamweaver

Autodesk Inventor

AutoCAD

Git / Github

Google Analytics

Microsoft Office Products

Windows / Mac OS

Adobe Photoshop

INTERESTS

Going to Hackathons

Creating Websites and Apps

EXPERIENCE

PURDUE ENROLLMENT MANAGEMENT | WEB DEVELOPER

May 2017 – Present | West Lafayette, IN

Working closely with the Office of Enrollment Management at Purdue, updating and developing web pages for the Purdue Admissions website using a CMS along with HTML, CSS, JS, PHP, Dreamweaver, and Photoshop.

ENGR 133 | UNDERGRADUATE TEACHING ASSISTANT

Aug 2017 – Present | West Lafayette, IN

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

EPICS WISE | SLAC DESIGN LEAD

Jan 2017 – May 2017 | West Lafayette, IN

Developed and led a sub-team to develop a web application that aimed at helping audiology students at Purdue practice administering hearing tests to test patients.

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 to the team website.

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 – Mar 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

An android app 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.

UNIT CONVERTER | PUBLISHED ANDROID APP

Nov 2014 – Feb 2015

A simple, smart, and easy way to convert units with a clean user interface. Features fast, real time conversion in a clean interface. Includes ten different units.

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

EXTRACURRICULAR ACTIVITIES

PSPE | WEBMASTER / OFFICER

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.