

Sagar Garg

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OBJECTIVE

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

EDUCATION

PURDUE UNIVERSITY

MAJOR: COMPUTER ENGINEERING

MINOR: COMPUTER AND IT

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

Autodesk Inventor

AutoCAD

Git / Github

Google Analytics

Microsoft Office Products

Windows / Mac OS

Adobe Photoshop

INTERESTS

Going to Hackathons

Creating Websites and Apps

Playing Ultimate Frisbee and Tennis

EXPERIENCE

ENG 133 | UNDERGRADUATE TEACHING ASSISTANT

Aug 2017 – Present | West Lafayette, IN

Undergraduate TA for ENG 133, a first-year engineering course for incoming EPICS students which focused on students learning how to use Excel, Matlab, and Arduino.

PURDUE ENROLLMENT MANAGEMENT | WEB DEVELOPER

May 2017 – Present | West Lafayette, IN

Worked for the Office of Enrollment Management at Purdue, updating and developing web pages for the Purdue Admissions website.

EPICS WISE | SLAC DESIGN LEAD

Jan 2017 – May 2017 | West Lafayette, IN

WISE is an EPICS team that focused on developing interactive web-based software for the local community. SLAC was one of the projects aimed at helping audiology students practice administering hearing tests using a webapp that we developed.

EPICS GAQT | ARDUINO WEB INTERFACE DESIGN LEAD

Aug 2016 – Dec 2016 | West Lafayette, IN

Global Air Quality Trekkers is a global engineering team that works to migrate indoor air pollution in kitchens of Western Kenya. Worked on the team website and satellite receiver that transfers data between the air quality device to the 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

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.

BARBOT | HACKATHON PROJECT AT PENNAPPS WINTER 2015

Jan 2015

BarBot utilizes a combination of Android and Arduino to create a robot that stores your temptations in a box. BarBot can automatically lift its cover using sonar data a set number of times based on the limit of drinks. Includes a website to track data.

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.