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: 4.00

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
Basic:
Chrome Extensions • Unity • IOS • LATEX

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

SOFTWARE
Matlab
Autodesk Inventor
AutoCAD
Google Analytics
Microsoft Office Products
Windows / Mac OS
KiCAD
Adobe Photoshop

INTERESTS

Going to Hackathons
Creating Websites and Apps
Playing Ultimate Frisbee and Tennis

EXPERIENCE

ENGINEERING 133 TA | Teaching Assistant
Aug 2017 – Present | West Lafayette, IN
Teaching Assistant 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
Web-based Interactive Software Engineering focuses on developing interactive web-based software for the local community. SLAC is a project aimed at helping audiology students practice administering hearing tests using a web app.

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.