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 (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
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

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.

PURDUE ENROLLMENT MANAGEMENT | Web Developer
May 2017 – Present | West Lafayette, IN
Working for the Office of Enrollment Management at Purdue, updating and developing web pages for the Purdue Admissions website using a CMS and

EPICS WISE | SLAC Design Lead
Jan 2017 – May 2017 | West Lafayette, IN
Developed and guided 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
Led a sub-team to develop a satellite receiver system that transfered data back from an air quality device that measured indoor air pollution in kitchens of Western Kenya.

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.