Sagar Garg

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OBJECTIVE

Performance-driven, highly motivated professional with excellent leadership skills and a bold passion for engineering.

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
Cumulative GPA: 3.60

SKILLS

PROGRAMMING
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
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 – Present | 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

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. Specific role is to maintain and update the website as well as social media accounts for members to find out information about PSPE.