KARTHICK SHANKAR

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OBJECTIVE

To seek intership opportunities in the field of Computer Engineering.

EDUCATION

Purdue University, West Lafayette, IN, USA
B.Sc. Computer Engineering (*Currently in First Year Engineering*)

Expected May 2020
GPA: 4.0/4.0

Our Own High School, Dubai, United Arab Emirates
Central Board of Secondary Education (CBSE)

Graduated March 2016
GPA: 4.0/4.0

EXPERIENCE

Physics Undergraduate Teaching Assistant   January 2017 - Present

Worked in a physics laboratory to teach 3 classes with ~60 undergraduate students each various things about mechanics and thermodynamics.

EPICS Undergraduate Teaching Assistant   January 2017 - Present

Worked in an engineering laboratory and managed all the technical equipment (3D Printers, Mitre Saws, Microcontrollers etc.) and helped undergraduate students use the equipment for 10 hours a week.

Engineering Projects in Community Service (EPICS)   August 2016 - Present

• *INDIA - Water Team Design Lead / Lead Systems Integrator*

Partnered with VIT University in Vellore to explore the realm of fluid mechanics and provide farming and water management solutions for farmers in Javadi Hills, India. Utilized strong leadership and interpersonal skills to work with the teams and go through the design cycle.

Formula One in Schools   June 2014 - October 2016

• *Traxeleration*

Worked on an international technology challenge where I built miniature F1 cars with my team by raising a sum of $10,900 with sponsorhips from companies like Nikon, Indomie etc.. Placed *2nd in UAE* in the professional category and won a multitude of other awards.

ACTIVITIES

Game Developers United (GDU)   August 2016 - Present

• Member of the programming segment of a club where the students strive to build a whole action-themed videogame from scratch.

Hackathon - Hello World   October 2016

• Attended a hackathon at Purdue University where I built a website that can track the media you've watched using various APIs.

Heriot Watt Programming Event   February 2016

• *4th Place*

Won a sum of AED 200 at an event where students had to solve a plethora of programming challenges.

Debating   October 2014 - March 2016

• *Founding Member*

Founded a club that encourages and teaches competitive debating in my highschool by improving critical thinking and teamwork skills

SKILLS

Programming

• Python | MATLAB | C/C++ | HTML | CSS | Javascript | Unity | Chrome Extensions |

Software

• Adobe Photoshop | Solidworks | Adobe After Effects | Sony Vegas Pro | CSS | Microsoft Office Products | Cinema 4D | Blender | CATIA |

Engineering

• 3D Printing | Arduino | Computer Aided Manufacture | CNC Milling |

Languages

• English | Tamil | Hindi | Malayalam |

INTERESTS

• Programming | Attending Hackathons | Experimenting with Electronic Equipment | Graphic Designing | Video Editing | Building Websites | Piano | Guitar | Drums | Public Speaking | Cricket | Table Tennis |