DARPAN SHAH

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EDUCATION

University of Maryland   College Park, MD
B.S. Computer Science   Expected May 2017
Minor : Technology Entrepreneurship
Montgomery College   Rockville, MD
A.S. Computer Engineering w/ Honors   GPA: 3.8   May 2015
- Dean's List

PROJECTS/TECHNICAL EXPERIENCE

- Hackathons : Hack the North, Canada; HackRU, NJ; HackNC, NC; MHacks V, MI; HackPSU, PA, PennApps XII, PA
- Designed an autonomous robotic system designed using Arduino and Microsoft Kinect.
- Developed a GPS application using Meta Augmented Reality glasses.
- Created a Google chrome extension to help people with dyslexia in learning and understanding new terms and concepts.
- On-Point Parking System : Developed and presented a Parking System Business Proposal Project which if implemented, it can help in saving environment through an efficient use of modern technology.

WORK EXPERIENCE

Tata Consultancy Services (TCS)   Milford, OH
Software Engineering Intern   June 2015 – Aug. 2015
- Designed & developed an iOS application integrating Apple HealthKit along with an Apple Watch Extension.
- Demonstrated functional understanding of RESTful microarchitecture and client-server communication development.
- Mentored a team of high school students and increased their interest in pursuing a STEM related career as a part of company's Corporate Social Responsibility (CSR) initiative.

National Democratic Institute (NDI)   Washington, D.C.
Project Assistant, Technology   Dec. 2014 – May 2015
- Created APIs to communicate between various software products used by the organization.
- Assisted Project Manager on various programming projects and software development tasks.
- Assisted Senior Software Engineer in creating and testing server backup scripts.
- Test and identify opportunities for efficient management of EC2 Cloud servers in AWS Cloud.

Taylor-Leonard Corporation   Gaithersburg, MD
Marketing/Operations Support Intern   Jan 2014 - Present
- Managed Content layout and distribution of e-Newsletter marketing campaign using Zoho CRM and increased the clientele of the company.
- Constructed company website using WordPress and other social media webpages using Google Analytics and HootSuite improvising company's customer and community engagement.

Elaunchers.com   Germantown, MD
Data Administration and Cloud Computing Intern   May 2013 – Jan. 2015
- Managed the Infusionsoft CRM and Microsoft Office 365 for the company as well as clients and performed Data Administration for various dentists, lawyers and physicians leading to an increase in customer service management.
- Assisted the President in gaining new clients and selling a large number of service packages at a National event.
- Assisted Project Manager in various ways aiming towards a successful completion of a project. Office Administration (Directing calls, Emails, set up appointments, etc.), maintaining the company-client relationships.
- Trained and supervised 8 other new interns and employees in various capacities.

SKILLS

Swift, Xcode, Java, C, UNIX, JavaScript, HTML5, CSS, Perl, PHP, Google Apps Script, Powershell, SQL, Agile development (SCRUM), Arduino, AWS Cloud Management, Infusionsoft CRM, Zoho Suite, Constant Contact, Microsoft Office 365 Cloud, Microsoft Office Suite, SEO based Marketing, Omnigraffle, HootSuite, GroSocial, WordPress (Web Design), CorelDraw, Troubleshoot Windows 7, Windows 8-8.1.

HONORS & AWARDS

- Most Engaging Hack Award, PennApps XIII Winter 2016
- Best Social Impact Hack Award, DragonHacks 2016
- Caesar Award at Hackster.io's Hardware Weekend, Washington D.C. 2015
- Future of Information Alliance (FIA) Seed Grant Competition 2014 Semi-finalist
- Dr. Harry Harden Jr. Academic Excellence Award 2014
- Leadership Ascent Award 2014
- National Science Foundation (NSF) S-STEM Scholar
- Presidential Scholars Award Nominee 2014
- Hillman Entrepreneurs Scholarship Program

PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers (IEEE)
    - IEEE Computer Society
    - IEEE Young Professionals
    - IEEE Council on Electronic Design Automation
    - IEEE Nanotechnology Council
    - IEEE Sensors Council
    - IEEE Internet of Things Community
    - IEEE Software Defined Networks
    - IEEE Computational Intelligence Society
    - IEEE Biometrics Council

- Phi Theta Kappa Honors Society

PUBLICATIONS

- IEEE National Capital Area Scanner
    - Science is Something Better than a Career   Winter 2012-13.
    - Young Engineers Meet Engineering   Winter 2013-14.

STUDENT INVOLVEMENT

- Treasurer, Virtual Reality Club, Fall 2015 - Present
- Peer Mentor, Successful Engineering Education & Development Support (SEEDS) Program, UMD, 2015
- Athgothon Global Innovation Forum 2015, World Bank, Washington D.C, 2015
- International Student Union – Asst. Vice-President, University of Maryland, 2014.
- Senator, Student Senate – Montgomery College, 2013 – 2014.
- Engineering Club – Vice-President -2013, Treasurer - 2014, Montgomery College, 2013-2014.
- International Club – Secretary, Montgomery College, 2013.
- The Globe – Writer / Reporter, Montgomery College, 2013-2014.

COMMUNITY ENGAGEMENT

- Montgomery County Coalition for Homeless, Volunteer – 2014.
- National Science Bowl Competition, Timekeeper and Scorekeeper, 2014.
- Alternative Summer Break Trip, Student volunteer, Habitat for Humanity, 2013.
- International Earth Day, Student Volunteer, 2013.