SHAN PRUTHI

SYSTEMS DESIGN ENGINEERING

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in shanpruthi

SKILLS

Languages Python, Java, Javascript, Pygame, C++, SQL, CSS3, ROS

Markups HTML, XML

Design Photoshop, Illustrator, Premiere Pro, After Effects, InDesign, Dreamweaver

IEDs/Editors Sublime Text, Eclipse, Android Studio, Wing101, Pygame, IDLE, Ubuntu

Personal Voracious and quick learner with extremely strong communication, leadership, and problem solving skills

Passions tech news, startups, software, learning by doing

EXPERIENCE

Web Maintenance and Designer (2015)
updatenewsline.com

• Redesigned conventional news site using WordPress targetting the South Asian community in the GTA
• Created and update weekly E-paper using InDesign and currently manage site changes and problems
• Directed social media image and advertising on Twitter, Facebook, spanning an audience of over 1800 people

Chief Film Editor (2014 - 2015)
Regional Youth Roundtable

• Designed professional infographics for marketing and consulting with education coordinators
• Produced and edited promotional, informational videos using Premiere CC to raise awareness for minority youth groups
• Led monthly meetings for the Regional Youth Roundtable to consult and interview LGBTQ youth, newcomer youth, and persons with a disability

Leadership Developer (2011- 2015)
Peel Students President Council & Junior Motivational Program

• Coordinated hundreds of students at 8 overnight conferences in the Peel region to teach team-building, leadership, and networking skills
• Networked at monthly general meetings to discuss student voice and present leadership opportunities for fellow students

Accounting Assistant (2015)
Acctax Financial Corporation

• Reconciled individual cheques with member records, allocated cheques to appropriate members and sorted member data

PROJECTS & ACTIVITIES

See GitHub for details

Web Development

• Designed and developed personal website shanpruthi.com using programming knowledge of HTML, CSS, and Javascript
• Created mock ups/logo, and used Wordpress and CSS Editor to brand and revamp sitharaonline.com, a local blog

UW Robotics Design Team

• Operated in a large, multi-functioning team, to create a robotic racing car aimed to travel around a track with
• obstacles, as quickly as possible
Programmed in C++ with ROS framework to optimize inter-system communication and create a kill switch

Game Development

• Implemented knowledge of Python and Pygame to program a working model of the classic game Pong, with varying levels organized by AI movement and ball speeds
• Mastered several Python labs as well as a 10-week Python course taught by the University of Michigan

Business - Minded

• Excelled in DECA (international business club) for over three years, competing at a provincial level, constructing tourism itineraries, for the hospitality industry

Mentorship

• Tutored student in preparation for higher level SSAT examination, with focus on verbal and quantitiative testing
• Devoted to supervising children and initiating games at PLASP Child Daycare services

EDUCATION

Candidate for Bachelor of Applied Science
Honours Systems Design Engineering
University of Waterloo Class of 2020
Relevant Courses: Digital Computation (C++), Graphics (SolidWorks), Design (UI/UX principles)

International Baccalaureate (IB)
Glenforest Secondary School
Graduating average of 95%

INTERESTS

Technology blogs - medium.com/@shanpruthi
Design portfolio - behance.net/spruthi
Other interests - soccer, economics, brain teasers, reading