kanavpetkar

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EXPERIENCE

Toyota — Cambridge, Ontario
Shop Floor Software Engineering Intern — Jan 2019 –

- Developed friction weld measuring system using .NET, Angular.js, SQL Server and MVC design patterns, saving Toyota $74,460 annually
- Improved AGV (autonomous guided vehicle) routing and traffic, by 34%, saving more than 5400 hours of AGV downtime annually
- Developed dashboards to evaluate performance of models and discover insights for further improvements using PowerBI

Capgemini — Toronto, Canada
Software Engineering Intern — May 2018 – Aug 2018

- Designed and developed internal scheduling tool using Java, .NET and SQL saving $14,000 a year
- Developed python script to automate ticket loading and tracking into JIRA, resulting in 300 hours saved
- Presented proposal to CEO (Sanjay Tugnait) on the potential of AI in RPA and how best to begin implementation

YBH Corp — Toronto, Canada
Front-End Engineer — May 2017 – Aug 2017

- Liaised with clients and subsequently designed and developed 13 fully responsive websites, using HTML, CSS and JavaScript
- Implemented advertising campaigns using Google Adwords and Analytics resulting in a mean sales increase of 45

CodeNow! Corporation — Toronto, Ontario
Founder — May 2017 – Aug 2017

- Received a $3000 grant from the Government of Ontario to start my own small business
- Identified promising nice for e-commerce, made mockups on Photshop and sent the designs for procution in China
- Business featured in Huffington Post, sold more than 10,000 units and grossed more than $35,000 in profits

PROJECTS

Personal Productivity Framework — Personal Project
https://github.com/kvptkr/productivity-framework — MEAN Stack

- Implemented a web app based on my personal productivity framework
- Used MEAN stack and Google Calendar API to organize time into 4 hour blocks and various Pomodoros

AirDrums — UofT Hacks
https://github.com/kvptkr/Air-Drums–UoftHacks-2019 — OpenCV, Python

- Designed and developed AirDrums, a computer vision based drum kit and won the Powered by Intel award out of 31 teams
- Constructed using end-to-end python (OpenCV NumPy and Pandas)
- Used multi-threading and complex matrix multiplication

SKILLS

Languages
Java // C# // Python
JavaScript // HTML // CSS
SQL // Bash

Technologies
React // Node // Express // Angular
Git // Linux // SQL Server
Google Analytics // Adwords // PowerBI

CO-CURRICULARS

- *UW Ecocar:* Autonomous developer on the traffic signal perception team. Used OpenCV, Python and ROS.
- *Quizbowl:* President of Quizbowl Society. Organized practices to help with pursuit of the trivial arts.

COURSES

- Data Analyst Nanodegree, Udacity
- MEAN Stack Development, Udemy

EDUCATION

University of Waterloo
Management Sciences-Engineering
2017 – // Waterloo, Canada

- President's Scholarship, Faculty of Engineering Scholarship
- *Relevant Courses:* Data Structures and Algorithms, Optimization, OOP, Database Systems

University of Toronto Schools

INTERESTS

- Future of Mobility
- Baseball, Cricket
- Self-Improvement
- Calligraphy