Yvan Soetarman

✉ yvancs@gmail.com   linkedin.com/in/yvansoetarman   📱 847-350-9826   📍 Grayslake, IL

EXPERIENCE

Software Developer Intern, Venngage   *Toronto, ON; January 2019 – April 2019*
- Practiced agile principles as part of team improving infographic maker with focus on user retention
- Increased revenue by improving upgrade funnel resulting in a 7% increase in business user upgrades
- Implemented new icon/photo replace feature in React to reduce user time to replace by 400%

Path Planning Engineer, WATonomous GM AutoDrive Team   *Waterloo, ON; September 2017 – December 2018*
- Integrating localized HD map features and waypoints into the behavioral planning module with ROS / C++
- Setup continuous integration pipelines for automated builds / tests for C++ with CMake, Bash, and Valgrind

Software Development Intern, WJE   *Northbrook, IL; May 2018 – August 2018*
- Improved performance by implementing additional functionality in an internally used Angular based web application that increases productivity of engineers and reduces time for project completion by 50%
- Developed new and existing components and services to resolve lasting issues within application

Data Engineering Intern, Brake Parts Inc.   *McHenry, IL; July 2017 – August 2017*
- Developed a SQL Server database implementation for Master Caliper Component Specs Database
- Allowed user to more efficiently update and view database through executing a Python script
- Built a TkInter GUI application that displayed a cleaner interface of database query information for the user
- Performed data manipulation and cleansing to ensure accuracy of catalog and interchange caliper data

Coach and Referee, Upward Sports   *Grayslake, IL; December 2011 – March 2016*
- Responsible for organizing practices, devising game plans, and managing player rotations
- Focused on player skill development as well as relaying player feedback during practices and games

PROJECTS

"Quadris", Class Project   *December 2017*
- Produced a Latinized version of the popular game Tetris with two other students taking the course
- Written in C++ with a focus on utilizing appropriate object-oriented principles and design patterns

"Low Key 911", WildHacks   *November 2016*
- Collaborated on four-person team to design a Node.js app accompanied by an Android WebView client
- Allows user to silently send a custom 911 voice message and their location making use of a Twilio API

TOOLS, & RELEVANT COURSEWORK

- **Programming Languages:** Python, SQL, C, C++, Bash, HTML/CSS, Racket, JavaScript, Typescript, R, MATLAB
- **Tools:** Git, SQL Server Management Studio, Microsoft Excel, Unix, Windows
- **Relevant Courses**: Machine Learning, AI (Python), Algorithms, Data Structures, Databases (SQL), Computational Statistics (R), Computational Math (MATLAB), Object Oriented Software Development (C++)

EDUCATION

*University of Waterloo**: Bachelor of Computer Science and Statistics, Business Option*   *Waterloo, ON; 2016 -*
- President's Scholarship of Distinction, awarded for high entrance average