

MAAN PATEL

University Of Waterloo | 3rd Year Management Engineer



<https://github.com/maan-patel>



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maan-patel.github.io



Toronto, Ontario, CA

Skills

Languages Python, SQL, JavaScript, Java, C#, Ruby, R, XML, XAML

Web HTML5, CSS, SASS, Django, React, Node.js, jQuery, Ruby on Rails, Express.js, Bootstrap, Material UI

Technologies MongoDB, PostgreSQL, MySQL, Linux, Git, GitLab, .NET, Unix, JUnit

Experience

Mobile Developer Intern | *Prometheusgroup*

Sep 2021 – Dec 2021

- Wrote production code on Windows, Android, and iOS platforms for clients such as Nestle, Tarmac, Messer, and more to provide ERP solutions integrated with SAP.
- Coded with Java and XML in Android Studio IDE, C# and XAML in Windows Visual Studio, C and C++ in XCode, and ABAP in SAP to deliver new features and fix bugs.
- Worked closely with an amazing team in a Kanban agile environment using Scrum to deliver builds with tight deadlines and **help push back software delivery dates by 2 weeks for several customers.**

Digital Marketing Intern | *CIS Office Plus*

Sep 2020 – Dec 2020

- Managed and updated several e-commerce websites written in JavaScript, PHP, HTML, & CSS using technologies such as jQuery, Express, Bootstrap and more.
- **Improved SEO scores by 35% and significantly reduced loading times** by adding site metadata, XML sitemaps, browser caching, minified JS/CSS files, async functions, and minimized HTTP requests to existing suite of e-commerce websites.
- Analyzed Google Analytics and social media data to optimize email and online marketing strategies.

IT Network and Security Support Analyst Intern | *AGF Investments*

Jan 2020 – Apr 2020

- **Mitigated organizational risk vulnerability by 7%** as a result of creating a Python script that detects CVE vulnerabilities for all software and webpages visited on a user's device.
- Presented project reports, vulnerabilities, and recommendations to senior IT heads in bi-weekly meetings.

IT Security Risk & Audit Administrator Analyst Intern | *Toronto District School Board*

Apr 2019 – Sept 2019

- Programmed in a sample workstation to do ethical hacking using SQL queries, testing security features, and monitoring network activities. Worked with the website team to fix vulnerabilities such as Cross Site Scripting using JavaScript/DOM.
- Fulfilled the organizational need for **storing over 50,000** student/teacher information, IP addresses, TCP ports, and visited websites by creating an XML storage.

Projects

Automatic-Stock-Portfolio-Generator - Python, Django, REST API, HTML/CSS

Feb 2021

- Helped over 20 individuals/families to get started with responsible and disciplined investing. An automatic stock portfolio is generated from user's Investment Capital, Time of Investment, and Risk Level. Paper trading is also allowed.
- Stock Prices were obtained using several APIs and in-house database. Django is used as the web framework. Back-end functions were created to make recommendations, and display charts. <https://port-gen.herokuapp.com>

Wonders World - JavaScript, Node.js, Express, MongoDB, APIs, Async Functions, Password Hashing

Apr 2020

- Fully functioning CRUD application made using JavaScript, Node.js (for backed), Express (for the web framework), MongoDB (for storing data such as users, passwords, locations, description, etc.), Password Hashing, Async JS (for requests), Error Handling Middleware, and HTML/CSS & Bootstrap (for front-end).
- <https://wonders-world.herokuapp.com>

Education

Management Engineering - University of Waterloo

2019 – 2024

Courses: Data Structures & Algorithms, Databases & Software Design, Probability & Statistics, Linear Algebra, Calculus