GUNIN KHANNA

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SKILLS

Languages: C, C++, Java, JavaScript, HTML, HTL, CSS, Sass, Groovy, MATLAB, VHDL

Frameworks & Libraries: Node.js, Vue.js, Express, MongoDB, Angular, Bootstrap, Jquery, MySQL

UI/UX: Zeplin, Sketch, Adobe Photoshop, Adobe Experience Manager(AEM), Invision

Others: Git, Docker, Solr, JSON, JIRA, Agile Methodologies, Webpack, Junit, SOAP, RESTful

AWARDS

University of Waterloo ·
Engineering International Student Scholarship
• Extraordinary overall performance, awarded to 20 international students

University of Waterloo ·
President's Scholarship of Distinction
• Obtaining an overall incoming average above 95%

UXP Systems ·
Certified Scrum Team Member

EDUCATION

University of Waterloo
Computer Engineering, Honours, Co-operative Program 2020
Relevant Courses
• Operating Systems • Embedded Microprocessor Systems • Data Structures and Algorithms • Digital Circuits and Systems • Project Management

ACTIVITIES

Hackster's Club
• Assisted in a drone implementation, including hardware design to make it cost effective

Mathematics blog
• guninkhannamathematics

EXPERIENCE

Great-West Life · Toronto, ON
Software Developer · Sep 17 to Dec 17
- Architecture, design, and development of modern web applications for mobile and desktop with a focus on *user experience*
- Developed *interactive* user interfaces such as maps, bar graphs, pie charts using **Vue**, **Docker** and **Solr** to display **$50 billion** in assets
- Designed and developed multiple components on **AEM** to be used across all web platforms using **Java**, **HTML**, **CSS**, **JavaScript**, **XML** and **SQL**
- Worked closely with *business*, *content* and *design* teams to improve the *accessibility* features to comply with **WCAG 2.0**

UXP Systems · Toronto, ON
Automation Developer · Jan 17 to May 17
- Worked on an Agile project with Vodafone, **3.2 million** users, to implement **SAML** login, registration and authentication
- Developed **Groovy** scripts to retrieve *Captcha*, *session-id*, *cookies* and managed customer data using **SQL**
- Increased the automotive test coverage from **65%** to **95%** for CWC Flow, video streaming service, using **Java**, **TestNG** and **Selenium**
- Integrated **RESTful** API testing using **SoapUI**, **CURL**, **JavaScript**, **JSON** in a **UNIX** box

SOTI Inc · Mississauga, ON
QA Analyst · May 16 to Sep 16
- Identified abnormal consumption patterns and assisted the team to *decrease* battery consumption for Android users by **16%**
- Compiled and tested software builds on **multi-OS** for *geo-restrictions*, *lockdown* and *security*

PROJECTS

Spore | Java, Node.js and MongoDB
- Organizational tool for students, developed an algorithm to convert **PDFs** to **text**
- Implemented a **parser** to intelligently read critical dates from the course outline and **export** it to local/third party calendar i.e shareable with friends

Path | Java | Android
- Pedometer algorithm to determine the **shortest** distance on an indoor map that updates based on user position

IndX | MEAN.js
- Built a **RESTful** application to allow users to create a customizable TODO list using the **MEAN** stack

SmartPaste | Chrome Extension | JavaScript
- Chrome extension to allow the users to see the *copy-history*, enabling selective paste functionalities

WebServer | C++
- Simulated the working of a web-server using linked lists and priority queues
- Accessed client requests from a text file to determine the transmission delay for requests and other web statistics