Kirti Mehra

Personal Information

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Education

University of Toronto, Computer Engineer (B.A.Sc.)
Minor in Engineering Business (Rotman School of Business)
Certificate in Artificial Intelligence
September 2019-Present
Focused on Software Engineering, Networks, Databases, Management, Marketing and Finance

Work Experience

University of Toronto Information Security, Junior Analyst
May 2023 - Present
- Working on developing, migrating and planning the University of Toronto Information Security Website using Wordpress
- Conducting vendor risk assessments (ISORA)
- Reorganizing and automating the onboarding process using PowerApps, PowerAutomate, PowerBI and SharePoint and presenting project to UofT Directors

SOTI Inc, Product Owner Intern
May 2022 - May 2023
- Lead of the MCMR process, including routing issues, dealing with bugs, and maintaining communications between different teams
- Utilizing powerful tools including JIRA and AHA! to plan and execute the software development cycle, including releases, tasks, user stories and features
- Lead in aiding in technical customer escalations (911's), including accepting and declining escalations, prioritizing and evaluating escalations using PowerBI
- Creating and managing the release notes process
- Ensuring updates in company swagger and reviewing API's in releases; primarily in Python
- Clear understanding of enterprise and mobile device management
- Aiding various Feature Teams, primarily Windows in relevant tasks including content modification on the Windows side of MobiControl
- Involved in defect triage for each software release
- Trained others in the use of JIRA, PowerBI and MCMR analysis

Celestica LLB, Mechanical Assembly and Testing
July 2020 - September 2020
- Hands on experience in the assembly of technical devices;network stabilisers
- Involved in the testing of bio-tech products

HighTech Equipment and Software, Investment Management
June 2018 - Present
- Overlooking and management of company real-estate investments
- Took client calls, pitched, filtered applicants, and held interviews
- Worked on the website using HTML
- Established successful marketing platform;increased engagement by over 50%

Projects and Extra-Curriculars

University of Toronto Capstone, Artificial Intelligence Pupilometry
July 2023 - Present
- Working on a capstone project using artificial intelligence to determine pupillometry pattern analysis for emotion detection

University of Toronto Blue Sky Solar, Inkind Lead & Advancement Director
September 2020 - February 2023
- A globally known competitive solar vehicle design team and competition
- Directly involved in research of items required and potential sponsorships
- Established a relationship and maintained communication with corporations
- Managing the advancement team, and the in-kind team of over 10

Junior Achievement Company Program, Sales Advisor and Outreach
18 week long (8 months) entrepreneurial program - Deloitte Canada
September 2016 - April 2018
- Created the company 'Lingado' and helped develop a networking application integrated with near-field communication technology
- Involved with trade shows, pitching and gathering interest and sponsors

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Key Knowledge:
Programming, Networking, Hardware, Mechanical Assembly, Circuitry, Machine Learning, Finance, Sales, Marketing, Databases, Automation, IT & Networks, Cybersecurity

Key Skills

Programming Languages
- Python
- SQL
- Verilog and Assembly
- C/C++
- HTML, CSS

Exposure to Tools and IDE
- Jira
- PowerApps
- PowerAutomate
- ISORA
- AHA!
- PowerBI
- Wireshark
- MATLAB
- NetBeans
- Google
- Collab
- Git and repositories
- Typhoon HIL & Modelism
- Codelite
- VS Code
- PostgreSQL
- Pandas/Numpy
- Factset
- WordPress

Personal Skills

Communication & Customer Service – Pitches, and professional communications
Initiative – Self-drive,ambitious
Public Speaking - Experience with debate and speeches
Interpersonal skills – Working well in a team and creating a comfortable environment
Analytical Thinking – Strategy and brainstorming; coming up with innovative marketing strategies while understanding trends