VAROON GUPTA

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sassdf

2B Management Engineering

SKILLS

**Product:** JIRA, Trello, Agile, Scrum, User Research, Data Analysis, Prototyping, Usability Testing

**Language/Tools:** VBA, Java, SQL, HTML/CSS, Git, Figma, Photoshop, AutoCAD, Visio, Teamwork

EXPERIENCE

**Process Optimization Intern –** Mattamy Homes | Toronto, ONJanuary 2019 – April 2019

* Assigned as Product Owner: reduced ERP system (JD Edwards) user data sorting process from 3 hours to 55 seconds by developing automation software in VBA
* Reduced Lot-Plan-Fit (LPF) Exclusion process from 6 hours to 2 hours using VBA to create LPF tool – adopted by enterprise-wide Architecture and Optimization teams
* Consulted with country-wide stakeholders to assess, roadmap, prototype and implement 10+ software solutions
* Conducted project management software feasibility research, resulting in department-wide adoption

**Project Development Intern –** UGE International | Toronto, ONMay 2018 – August 2018

* Developed a 4-component project cost estimation tool (EPT), streamlining cross-departmental project pricing
* Conducted competitive research project and identified 40+ ideal photo-voltaic system clients across Ontario
* Created and optimized 30+ performance reports increasing energy production yield by ~26% using Helioscope for RFP submissions across North American, African, and Asian markets

PROJECTS

**Estimated Pricing Tool (EPT) –**UGE International

* Developed a cross-department data visualization tool that leverages current and archived pricing data improving

future project cost estimation accuracy by over 35% using VBA, Power Queries, and Macros

* Adopted by major departments at UGE Toronto, reducing interdepartmental consultation by 50%
* Implemented and designed UI/UX and created instructional documentation for 30+ employees

**Microsoft Product Management Pitch** | **3rd Place**

* Product Management case competition intended to increase the Surface’s post-secondary education market share
* Conducted user and competitive research to identify product pain-points and develop innovation roadmap
* Conceptualized solution estimated to increase target user satisfaction, ranking 1st amongst competing products

[**Imperium Solar**](https://imperiumsolar.ca/) **–** uwEnergyHacks 2019 | **1st Place**

* As Product Manager, created road maps & workflow process by identifying user needs, and coordinated between

Data, Design, and Development team

**DECA Business Operations Study –**Alchemy Coffee

* Conducted a primary research study on a local cafe to gather information and identify client pain-points
* Developed and implemented a social media marketing plan to increase consumer engagement by over 170%

EDUCATION

**University of Waterloo –** Candidate for BASc. in Management Engineering2017 –2022 (expected)

Relevant Courses: Algorithms and Data Structures, Optimization, Database Systems, Organizational Behavior

CLUBS/INTERESTS

Hair Stylist, Industry 4.0 Design Team, Coffee ‘N Code, UW Varsity Ultimate, UW Serve Volleyball, Hockey, Photography