Sahir Vellani

Professional Experience

Product Management Intern | May 2016 – Aug 2016 Genesys Laboratories

- Led a team of engineers and designers in development of features used by 1000+ businesses worldwide
- Designed software enabling the integration of conversational bots with Mobile Engagement platform resulting in 5% increase in customers
- Conducted cost analysis, market research and feasibility studies and used results to develop product roadmaps with company executives
- Developed product requirements, mock-ups, user flows, content frameworks and high fidelity prototypes in collaboration with customers and various teams

Web Development Intern | Sep 2015 – Dec 2015 Genesys Laboratories

- Created UI of web IDE for adding python scripts to production, saving multiple days of processing time
- Optimised existing UI's for user experience, decreasing task completion time by 50%
- Developed Data Visualization features in collaboration with PMs and QA using Angular, D3, Node.js; shipping to customers worldwide

IT Applications Intern | Jan 2015 - May 2015 Multiple Sclerosis Society of Canada

- Developed wireframes and prototypes of potential features in company website with Origami & JavaScript
- Designed web forms using InfoPath and C#, resulting in paper free Finance and HR departments

Interests and Achievements

- Resident, Velocity Entrepreneurship Program
- Member, Product Vision Club
- Executive, Model United Nations
- Interest in Bots, Conversational UI and IoT
- Math tutor
- Avid Liverpool FC and Toronto sports fan

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Skills

- Python · ES6 · Node.js · Java
- Angular · JQuery · D3 · HTML · Flask
- Human Factors in Design · UI/UX · Product Development
- GNU Octave Facebook Graph API Google Analytics AWS Wit.ai Alexa Skills Kit

Projects

UX and Developer | Sep 2015 - Dec 2015 Clear Skies

- Created mock-ups and wireframes of android application for drone owners
- Developed backend using Flask (Python)
- Received Deloitte Golden Ticket award for outstanding innovation

Product Designer | Sep 2014 – Dec 2014 Strikes for Elderly

- Designed prototypes of device for people with osteoarthritis to participate in 10-pin bowling
- Conducted life cycle analysis to ensure environmental and economic sustainability
- Managed a team and resolved conflicts

Human Factors Engineering | Aug 2015 Brookstone® Clock Redesign

- Conducted fault tree analysis, heuristic evaluations to redesign UI and improve UX
- Developed prototypes in Solidworks

Education

Candidate for Bachelor of Applied Science in Systems Design Engineering 2014 – Present

University of Waterloo, Waterloo, Ontario

IB Diploma with Honours 2012 – 2014

Aga Khan Academy, Mombasa, Kenya