

EDUCATION

UNIVERSITY OF TORONTO

Toronto, ON

Bachelor of Science: Computer Science & Statistics

May 2017

- *Academics:* Software Design & Development, Data Structures & Algorithms Analysis, Statistical Modelling
- *Extracurriculars:* Hacker Academy, Orientation (Frosh) Week Leader, Hart House Debating Club
- *Athletics:* Yoga, Dragon Boat (Rowing), Squash, Ice Hockey & Flag Football

EXPERIENCE

TORONTO WESTERN HOSPITAL - UNIVERSITY HEALTH NETWORK

Toronto, ON

Analyst – Research

Sept 2014 – Present

- Provided end-to-end data services utilizing Excel & SQL to support 3 cross-linked research laboratories; managed 3 research study data sets; data published in 5 research papers and included in 10+ grant applications
- Collaborated with a diverse research team including neurologists, neuropsychologists, radiologists and graduate students committed to pioneering treatments for neurodegenerative diseases in the area of sports-related concussions

SAP

Vancouver, BC

Developer – Business Intelligence

Sept 2013 – May 2014

- Developed an internal Node.js web application to predict software release cycles by collecting, analyzing and reporting on project tracking data (JIRA); adopted organization-wide by Project Managers across 3 different product areas
- Worked closely with the Product and Engineering divisions to improve operational efficiencies and enable scalable business growth by promoting development transparency and providing ad-hoc data services

BANK OF AMERICA MERRILL LYNCH

Toronto, ON

Developer – Risk & Analytics

May 2013 – Aug 2013

- Built an internal Python web application powered by Hadoop to analyze TBs of log files generated daily by 100s of globally disparate financial applications; consolidated application metrics to enable in-depth monitoring and drive decision making
- Assisted the Infrastructure team with functional deprecation and application migration; resulted in the overhaul of the global pricing engine for financial derivatives in NY, Toronto, London & Hong Kong

JARDEN CORPORATION

Brampton, ON

Analyst – Demand Forecasting

May 2012 – Aug 2012

- Crafted a bespoke Excel VBA tool to forecast customer volume patterns and align inventory levels based on historical sales trends and statistical modelling; improved average forecast accuracy rate (short & long term) by 23%

SKILLS

- Programming Languages: Python, Javascript, Java
- Data Processing: Hadoop, Excel, SQL
- Databases: MongoDB, PostgreSQL, Redis
- Web: AngularJS, Node.js, Socket.IO
- DevOps: AWS, NGINX, Linux (Ubuntu)
- Developer Tools: Git, JIRA, Vim

PROJECTS

STYLEFNF

<http://www.stylefnf.com>

Founder

Nov 2015 – Present

- Lead the ideation, technical development and launch of a closed marketplace for college students; successfully launched web, iOS and Android platforms across 3 university campuses; grew user base to over 500+ within 2 months
- Built and scaled Node.js + MongoDB backend; designed intuitive & minimal UI/UX frontend (AngularJS, iOS, Android)
- Hired and managed a cross-disciplinary team of 6 (3 engineers & 3 business) to oversee product development and marketing
- Enhanced user satisfaction by conducting and integrating usability studies, research and market analysis
- Pitched and secured \$7K in pre-seed funding from The Hatchery Startup Accelerator (Summer 2016 Cohort)

ADDITIONAL

- Github: <http://github.com/sugataa>
- Personal Website: <http://sugataa.github.io>
- Interests: Financial Analysis, Quantified Self, Hackathons (Attended PennApps, AngelHack, BattleHack, UofTHacks)