YK Sugi

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Experience

Program Manager Intern at Microsoft, Redmond, WA, 5/2015 – 8/2015

I was responsible for designing and implementing a specific feature within Microsoft Dynamics CRM with developers and other PM's. My responsibilities included the initial research, planning the project, designing the product, creating wireframes, and writing and executing on a spec.

Data Science Intern at Microsoft, San Francisco, CA, 6/2014 – 8/2014

My responsibilities in the Yammer data analytics team were:
- Conducted a statistical analysis to deepen our understanding of existing content's effects on user engagements.
- Responsible for creating an internal dashboard tool that is now used to view user engagement metrics such as the number of active users and the summary of their activities on the Yammer website.

Founder and President at Data Science Club at UBC, Vancouver, BC, 10/2013 – 5/2014
- Responsible for acquiring more than 120 members
- Organized meet-ups to exchange our ideas on data science
- Formed a team of several students to work on a machine learning competition on Kaggle

Software Development Intern at Moneytree, Tokyo, 5/2013 – 8/2013

At this iPhone application company, I was responsible for creating JavaScript scripts that screen-scrape transaction information from our users' bank accounts and credit card accounts. I also created Ruby scripts that solved miscellaneous business problems, including one machine learning classification problem.

Education

University of British Columbia, Vancouver, BC
BS Candidate/Statistics Major, December 2015
GPA 87.6/100

Suffolk University, Boston, MA
BS Candidate/Physics and Computer Science Majors (transferred out)
GPA 3.964, Undergraduate Honors Program

Technical Skills

Experience in Product Management, Analytics/Statistics, and Software Engineering.
Technical Tools:
- Wireframing: **Balsamiq**, **Microsoft PowerPoint**
- Designing: **Adobe InDesign, Photoshop**, **Illustrator**
- Statistical Analysis: **R**

- Machine Learning: **Python with NumPy and Pandas, Ruby, Spark (prior experience)**
- Programming Technologies: **SQL, MATLAB, Ruby on Rails, Java**
- Programming Technologies, front end: **JavaScript, HTML/CSS, LaTeX**
- Version Control: **Git, GitHub, Bitbucket**

Other Skills

Languages: Fluent in English and Japanese

Public Speaking: Experience and ability to speak with passion and confidence in public speaking and stand-up comedy

Awards

TELUS / IEEE Student Innovation Challenge, September 2015

Our team won a third place at the pitch contest where we presented an idea for a device that helps the blind. Our idea was a device that converts 3-dimensional special information into sound so that blind people can "see" the environment by hearing. We were awarded a $3000 grant to develop a prototype.

Projects

Fireflic, Winter 2014

As a follow-up project of YamBomb! (see below), I designed and developed a mobile gaming app to pass around a "fire" amongst friends that "explodes" in 24 hours. A user can attach an article or picture to the fire, so interesting content is passed to many people. Developed with Javascript.

YamBomb! , August 2014

A colleague at Microsoft and I created a gaming app with which one would send a "bomb" that "explodes" in 24 hours unless they pass it to somebody else. It started with a few users and organically grew to more than 70 users within a week of its launch. We developed the application with Ruby on Rails and Yammer API.

March Madness Prediction, March 2014

I made a least square model for predicting winners of March Madness, the national college basketball tournament in the United States. I built this model with different types of regularizations (L1 and L2), utilizing Python libraries such as NumPy and matplotlib. I ranked at the 32nd place out of 248 teams at the Kaggle competition.