ABHIGYAN KAUSTUBH

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tinyurl.com/SomeofMyProjects/ | linkedin.com/in/abhigyankaustubh/

EDUCATION

UNIVERSITY OF WASHINGTON | Seattle, USA   GPA: 3.7 / 4.0
    M.S. in **Information Management** (Concentrations**: Data Science, UX**) | Information School   Sept 2015
    Technology Entrepreneurship Certificate | Michael G. Foster School of Business   Sept 2015
    Study Abroad (Ethnography) | Tahiti, FRENCH POLYNESIA   Jan - Mar 2014

UNIVERSITY OF MUMBAI | Mumbai, INDIA   GPA: 3.8 / 4.0
    B.E. in **Computer Science** | Padmabhushan Vasantdada Patil Pratishthan's College of Engineering (PVPPCOE)   Jun 2012

Courses: Data Science, Statistics, Machine Learning, Data Visualization, NLP, Probability, Algorithms, Design Methods

Skills: Languages: Proficient in Java and Python. Familiar with D3, JavaScript, HTML 5, CSS 3, R, C#
        Software: Tableau 8.2, SPSS, R Studio, Visual Studio 2012, Eclipse, MySQL, Git
        Adept at coordinating with interdisciplinary & multicultural teams

WORK EXPERIENCE

Graduate Staff Assistant | UW-IT, Seattle   Jul'14 – Present
- Developing tools for providing visual analytics-as-a-service to the UW students & staff. (Tableau, SQL, Excel, Splunk).

Data Visualization Research Intern | PitchBook Data, Seattle   Jul – Nov,'14
- Created interactive visualizations of the Private Equity and VC arena (D3, SQL, Tableau 8.2).

Graduate Teaching Assistant | Master of Human Computer Interaction + Design, UW**,** Seattle   Mar – Jun,'14
- Assisted the faculty and the students in UX research methods for the User Research Studio course.

Director of Marketing | Business Information Technology Society (BITS), UW**,** Seattle   Mar – Dec,'13
- Increased student participation by 200%. Performed market/ user research and redesigned events accordingly.

Graduate Research Assistant | Digital Public Health (NSF, PATH) **|** UW CSE, Seattle   Jun – Sept, '13
- Performed analysis for improving the UX of video tutorials for reducing maternal & infant mortality in rural India.
- Co-published a Note at the International Conference on ICTD 2013. Used Excel for data analysis.

Software Developer Engineer Intern | MyUnfold**,** Seattle   Jul – Sept, '13
- Collaborated in unit testing, user research (A/B, interviews, focus groups) & bug fixing of the main product. (C# (Moq))

Software Developer – Project Trainee | Bhabha Atomic Research Center, Mumbai   Aug '11 – May '12
- Improved UI for the Network Monitoring System and deployed it (Java (JUNG), PostgreSQL).

Software Developer Engineer Intern | Larsen &Toubro InfoTech, Mumbai   Jul – Sept, '10
- Reduced delays in communication between employees via SWOT analysis and SNS implementation (Visual Studio'10).

TECHNICAL PROJECTS

Capstone – Exploration of Marine Biology| UW, Seattle   Jan' 15 - Present
- Identifying marine life forms by using machine learning on massive Flow Cytometry data in Myria. (Python, Myria)

fMRI Brain Imaging| UW, Seattle   Dec' 14 - Present
- Given an image and two candidate words, I am predicting which of the words was being shown to a human subject.

Student Performance Prediction| UW, Seattle   Dec' 14 - Present
- Predicting student performance from logs of interaction using sparsity, temporality, and selection bias. (Python)

Textual Analysis through Visualization| UW, Seattle   Jun – Aug,'14
- Conducted exploratory analysis on understanding the nature of mentorship on fan fiction sites. (Tableau, Python, Excel)

Crisis Clinic Project – Web UX| UW, Seattle   Apr – Jun,'14
- Created interactive dashboard of King County for Crisis Clinic to explore trends in call data. (Tableau, Excel, MySQL)

World Economic Data Analysis| UW, Seattle   Apr'14
- Analyzed the world economic data and identified the dependent factors of infant mortality in Africa. (Tableau)

Analysis of Twitter Data to Predict the Stock Market | UW, Seattle   Jan – Mar, '13
- Performed regression, TF-IDF & sentiment analysis on sanitized Twitter data set, and created visualizations. (R, Excel)

DESIGN PROJECTS

Development through Preservation of Ancient Traditions - Ethnography| Tahiti, French Polynesia (FP)   Jan – Mar, '14
- Conducted fieldwork in FP on their indigenous medical system and its effects on the cultural identity of native population.

SafePath/ NightHawk- Mobile UX | UW and **Facebook Hackathon**, Seattle   Sept '12 – Mar'13
- Built high fidelity prototype for a mobile app for increasing pedestrian safety at night by 90 %. (JustProto, HTML, CSS)

AfterParty – Vending Machine UX | UW, Seattle   Sept – Dec, '13
- Designed the machine, interaction methods and UI with my team to meet post-party needs of people in Las Vegas.

MoodLog – Mobile UX | UW, Seattle   Sept – Dec, '12
- Built a prototype for a mobile app that tracks mood of the user and provides feedback. Enhanced it by usability testing.

E-Commerce Web Site for Supply Chain Optimization (SCO) | University of Mumbai, Mumbai   Jul – Dec, '11
- Increased revenue by 5-30% by co-designing a hotel website for SCO between different parties. (HTML, CSS, JavaScript)

BUSINESS PROJECTS

MyPS Bank – Startup Project| UW**,** Seattle   Apr – May, '14
- Formulated a business concerning public access to stem cell technology. Won scholarship to the **Kick Incubator Seattle**.

Diffusion of Clonoseq into the Clinics – Student Consultant| Adaptive Biotechnologies, Seattle   Apr – Jun, '13
- Enabled the company to gain market traction for its product by designing a diffusion plan with an interdisciplinary team.

U-Surance - Opportunity Analysis Project | UW, Seattle   Jan – Mar, '13
- Co-developed a business model for a product to reduce health insurance premiums with CEOs in the health sector.

Lunar Lander Project Simulation – Project Manager| UW, Seattle   Sept – Dec, '12
- Led the team through different phases of project. Made the highest profit of 30% among the 10 bidding teams.

AWARDS AND ACCOMPLISHMENTS

- **MSIM Dean's Scholarship**, UW (2013-14). Awarded to 2 students from a cohort of 80 on the basis of merit.
- Student Representative at the Academic Council, Information School, UW (2013-14).
- **Co-published** a note on the topic "Questioning Feedback: Improving Public Health Messaging", in the International Conference on ICTD (Information & Communication Technologies & Development), Cape Town, South Africa (Dec, '13).
- **1st** Place each in presenting Technical Papers on Cloud Computing, Face Detection & Recognition, and 3D Optical Data Storage, and **1st** place in Debate at Inter College Technical Competitions, PVPPCOE (2009-12).