

ABHIGYAN KAUSTUBH

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tinyurl.com/SomeofMyProjects/ | [linkedin.com/in/abhigyankaustubh/](https://www.linkedin.com/in/abhigyankaustubh/)

WORK EXPERIENCE

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|---|-------------------|
| Graduate Staff Assistant UW-IT, Seattle | Jul'14 – Present |
| <ul style="list-style-type: none">Performing UW student data formatting, visualization and analysis (Tableau 8.2, SQL, Excel, Splunk). | |
| Data Visualization Research Intern PitchBook Data, Seattle | Jul'14 – Nov'14 |
| <ul style="list-style-type: none">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 '14 – Jun'14 |
| <ul style="list-style-type: none">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 '13 – Dec'13 |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">Improved UI for the Network Monitoring System and deployed it (Java (JUNG), PostgreSQL). | |
| Software Developer Engineer Intern Larsen & Toubro InfoTech, Mumbai | Jul – Sept, '10 |
| <ul style="list-style-type: none">Reduced delays in communication between employees via SWOT analysis and SNS implementation (Visual Studio'10). | |

TECHNICAL PROJECTS

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| fMRI Brain Imaging UW, Seattle | Oct' 14 - Present |
| <ul style="list-style-type: none">Given an image and two candidate words, I am predicting which of those words was being read by a human subject. | |
| Student Performance Prediction UW, Seattle | Oct' 14 - Present |
| <ul style="list-style-type: none">Predicting student performance on mathematical problems from logs of student interaction.Creating a model that deals with challenges of sparsity, temporality, and selection bias. (Python, MATLAB) | |
| Textual Analysis through Visualization UW, Seattle | Jun' 14 – Aug' 14 |
| <ul style="list-style-type: none">Conducted exploratory analysis on understanding the nature of mentorship on fan fiction sites. (Tableau, Python, Excel) | |
| Crisis Clinic Project – Web UX UW, Seattle | Apr' 14 – Jun' 14 |
| <ul style="list-style-type: none">Analyzed the past 4 years of call data for Crisis Clinic of the King County area to find trends and correlations.Created an interactive dashboard for the Management for fund raising. (Tableau, Excel, MySQL) | |
| World Economic Data Analysis UW, Seattle | Apr' 14 |
| <ul style="list-style-type: none">Analyzed the data and identified the dependent factors of infant mortality in Africa. (Tableau)Identified relationships and the potential for developing technological/ business solutions to reduce infant mortality. | |
| Analysis of Twitter Data to Predict the Stock Market UW, Seattle | Jan – Mar, '13 |
| <ul style="list-style-type: none">Performed regression, TF-IDF & sentiment analysis on sanitized Twitter data set, and created visualizations. (R, Excel)Proposed a possible causation between actual tweets & stock market. | |

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.

EDUCATION

UNIVERSITY OF WASHINGTON | Seattle, USA GPA: 3.7 / 4.0

M.S. in **Information Management** (Concentrations: **UX & Data Science**) | Information School Aug 2015

Technology Entrepreneurship Certificate | Michael G. Foster School of Business Aug 2015

Study Abroad (Oral Traditions, Knowledge, & Science) | 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, Machine Learning, Data Visualization, Research & Design Methods, Entrepreneurial Strategy + CS

Skills: Software: Tableau, SPSS, R Studio, Visual Studio 2012, Eclipse, MySQL, Git
Languages: Proficient in Java and C#. Familiar with D3, JavaScript, HTML 5, CSS 3, R, Python, MATLAB
Adept at coordinating with interdisciplinary & multicultural 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 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).
- **Published** papers on Cloud Computing and 3D Optical Data Storage at the International Conference on New Development & Challenges in Engineering, Technology and Management, Karjat, India (Mar, '12).
- Founded, led and emceed farewell, technical and cultural events, with an audience of 10 to 1500+, at PVPPCOE & UW.