

Abhigyan Kaustubh

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[My Projects](#) | [linkedin.com/in/abhigyankaustubh/](https://www.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
Study Abroad (Ethnography) Tahiti, FRENCH POLYNESIA	Jan - Mar 2014
UNIVERSITY OF MUMBAI Mumbai, INDIA	GPA: 3.8 / 4.0
B.E. in Computer Science	Jun 2012

Interests: Data Science, Machine Learning, Computer Vision, Probability, NLP, Design Methods, Data Visualization
Skills: Proficient in Python, Java and Tableau. Familiar with D3, JavaScript, Hadoop, Scikit Learn, R, SQL
Adept at UX research and design methods. Research experience in the intersection of CS + global health.

WORK EXPERIENCE

Graduate Staff Assistant UW-IT, Seattle	Jul'14 – May'15
• Developed prototypes and dashboards for providing visual analytics-as-a-service to the UW. (Tableau, SQL, Excel)	
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, JSON, CSV)	
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.	
Software Developer Engineer Intern MyUnfold, Seattle	Jul – Sept,'13
• Collaborated in unit testing, user research (A/B, interviews) & bug fixing of the product. (C# (Moq), Visual Studio 2012)	
Graduate Research Assistant Digital Public Health (NSF, PATH) UW CSE, Seattle	Jun – Sept, '13
• Published a Note for improving the UX of video tutorials for reducing maternal & infant mortality in rural India.	
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 – Jun'15
• Identified 2 phytoplankton types by using machine learning on Flow Cytometry data in Myria . (Python, R, Tableau)	
Computer Vision for Human Actions UW, Seattle	Apr' 15 - Present
• Recognizing natural human actions in diverse and realistic settings using machine learning.(C++, Qt, Python)	
fMRI Brain Imaging UW, Seattle	Dec' 14 - Present
• Predicting the name of an object in a simple image that a person is looking at from his brain scans. (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, CSV)	

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)

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.

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 mock rocket 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).