

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, VR**) | Information School Sept '15
Technology Entrepreneurship Certificate | Foster School of Business
Study Abroad (Ethnography) | Tahiti, FRENCH POLYNESIA Jan - Mar '14

UNIVERSITY OF MUMBAI | Mumbai, INDIA GPA: 3.8 / 4.0
B.E. in **Computer Science** Jun '12

Courses: International UX, Virtual Interface Tech, ML, Computer Vision, Data Visualization, Entrepreneurial Strategy, PM
Skills: Proficient in Python, Java and Tableau. Familiar with D3, JavaScript, R, SQL, Unreal Engine (UE 4), Unity
Adept at various types of UX research & design methods. Managed interdisciplinary teams over several projects.

WORK EXPERIENCE

Program Manager | Capstone – Exploration of Marine Biology, UW, Seattle Dec '14 – Jun '15
• Established liaison with client and developed scope & strategy for the project. Coordinated the team through all phases.
• [Identified](#) 2 types of phytoplankton by using machine learning on Flow Cytometry data. (Python, R, Tableau)

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

Lucid | Seattle Oct '15 - Present
• Designing a VR app for increasing mental focus and agility. (UE 4)

Rehab | Seattle Oct '15 - Present
• Designing a VR space for treating patients with conditions like addiction, phobias, depression, and anxiety. (UE 4)

Mind Palace | SEA-VR Hackathon, Seattle Sept '15
• Designed a virtual experience to extend and augment human memory. [Received](#) honorable mention. (UE 4, SketchUp)

Computer Vision for Human Actions | UW, Seattle

Apr– Jun '15

- Recognized natural human actions in diverse and realistic settings.(C++, Qt, Python)

fMRI Brain Imaging | UW, Seattle

Dec '14

- Predicted 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** | UW, Tahiti, 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 project. Made the highest profit of 30% among the 10 bidding teams.

AWARDS AND ACCOMPLISHMENTS

- Honorable mention at the SEA-VR Hackathon (Sept, 2015).
- 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).