**Abhigyan Kaustubh** [akhuia@uw.edu](mailto:akhuia@uw.edu) | 1.206.366.5450 [My Projects](https://github.com/akhuia/College_Projects) | [linkedin.com/in/abhigyankaustubh/](http://www.linkedin.com/in/abhigyankaustubh/)

**EDUCATION**

UNIVERSITY OF WASHINGTON |Seattle, USAGPA: 3.7 / 4.0

M.S. in Information Management (Concentrations**: Data Science**, **UX, VR**)|Information SchoolSept ‘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 Interfaces, ML, Computer Vision, Data Visualization, Game Design, PM, Strategy + CSE

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, and acquired clients and sponsors over several projects.

**WORK EXPERIENCE**

**Program Manager |**Capstone – Exploration of Marine Biology, UW, SeattleDec ’14 – Jun ’15

* Established liaison with client and developed scope & strategy for the project. Coordinated the team through all phases.
* [Identified](https://github.com/akhuia/Capstone_SeaFlow) 2 types of phytoplankton by using machine learning on Flow Cytometry data. (Python, R, Tableau)

**Graduate Staff Assistant |** UW-IT, SeattleJul ’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, SeattleJul– 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 ResearchStudio course.

**Director of Marketing** |Business Information Technology Society (BITS), UW**,** Seattle Mar – Dec ’13

* Increased student participation by 200%. Performed market research, acquired sponsors, and redesigned events.

**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

* [Worked](https://github.com/akhuia/College_Projects/tree/master/Health%20Based%20Projects/ICTD%20Research) on 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**

**Augmented Reality Project** | Leap Motion 3D JAM, USA Oct ’15 – Present

* Designing an AR app for the Leap Motion 3D Jam. Project details undisclosed.

**Lucid**| SeattleOct ’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, SeattleSept ’15

* Designed a virtual experience to extend and augment human memory. [Received](http://www.geekwire.com/2015/vr-hackathon-projects-demonstrate-emerging-value-of-virtual-reality/) honorable mention. (UE 4, SketchUp)

**Computer Vision for Human Actions**| UW, SeattleApr– Jun ’15

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

**fMRI Brain Imaging**| UW, SeattleDec ’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, SeattleJun – Aug ’14

* [Conducted](https://github.com/akhuia/College_Projects/tree/d5d5b12b2b1d24a3172794006231402698772c90/Data%20Science/Textual%20Analysis) exploratory analysis on understanding the nature of mentorship on fan fiction sites. (Tableau, Python, CSV)

**Crisis Clinic Project** – Web UX| UW, SeattleApr – Jun ’14

* Created interactive [dashboard](http://public.tableausoftware.com/profile/emilygre#!/vizhome/CrisisClinic_v2/CrisisClinic) of King County for Crisis Clinic to explore trends in call data. (Tableau, Excel, MySQL)

**DESIGN PROJECTS**

**Development through Preservation of Ancient Traditions -** Ethnography| UW, Tahiti, FPJan – Mar ’14

* Conducted [fieldwork](https://github.com/akhuia/College_Projects/tree/master/UX%20and%20Visualization/UX%20_R%26D/Ethnographic%20Study%20in%20Tahiti%20-%20Research%20Proposal) in FP on their indigenous medical system and its effects on the cultural identity of native population.

[**SafePath**](https://www.dropbox.com/sh/6ue07cx2zv06rgi/vE08JdmN0v)**/ NightHawk**- Mobile UX |UW and **Facebook Hackathon**, Seattle Sept ‘12 – Mar ’13

* Built high fidelity [prototype](https://github.com/akhuia/College_Projects/tree/master/UX%20and%20Visualization/UX%20_R%26D/Mobile%20App%20UX%20R%20%26%20D/UX%20R%20D%20-%20SafePath) for a mobile app for increasing pedestrian safety at night by 90 %. (JustProto, HTML, CSS)

**AfterParty** – Vending Machine UX | UW, SeattleSept – Dec ‘13

* [Designed](https://github.com/akhuia/College_Projects/tree/master/UX%20and%20Visualization/UX%20_R%26D/AfterParty%20UX%20R%20%26%20D%20(UX%20Research%20%26%20Design)%20-%20Repurposed%20Vending%20Machine) 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](https://github.com/akhuia/College_Projects/tree/master/UX%20and%20Visualization/UX%20_R%26D/Mobile%20App%20UX%20R%20%26%20D/UX%20R%20D%20-%20MoodLog) 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](https://github.com/akhuia/College_Projects/tree/master/Business%20and%20Consulting/MyPS%20Bank) 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, SeattleApr – Jun ‘13

* Enabled the company to gain market traction for its product by designing a [diffusion plan](https://github.com/akhuia/College_Projects/tree/master/Business%20and%20Consulting/Clonoseq_Lukemia-%20AdaptiveBiotechnologies) with an interdisciplinary team.

**U-Surance** - [Opportunity Analysis Project](https://www.dropbox.com/s/m3zxjjo5vaisf1w/Usurance_Business_Plan.pdf) | UW, SeattleJan – Mar ‘13

* Co-developed a [business model](https://github.com/akhuia/College_Projects/tree/master/Business%20and%20Consulting/USurance_HealthInsuranceBizPlan) for a product to reduce health insurance premiums with CEOs in the health sector.

**Lunar Lander Project Simulation – Project Manager**|UW, SeattleSept – 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 onICTD (Information & Communication Technologies & Development), Cape Town, South Africa (Dec ’13).
* 1stPlace each in presenting Technical Papers on Cloud Computing, Face Detection & Recognition, and 3D Optical Data Storage, and 1stplace in Debate at Inter College Technical Competitions, PVPPCOE (2009-12).