KHYATEE DESAI

KDES@UMICH.EDU • 616-304-8809 • LINKEDIN: KHYATEED • GITHUB: KHYATEED • WWW.KHYATEED.GITHUB.IO/WEBSITE

EDUCATION

UNIVERSITY OF MICHIGAN SCHOOL OF INFORMATION • ANN ARBOR, MI • GRADUATION – APRIL 2018
- Bachelor of Science in Information (BSI), Specialization in User Experience Design

COURSEWORK
- Data Manipulation & Exploration – Proficiency with web-scraping tools (BeautifulSoup, regular expressions,) API Protocols (Twitter, Google, Facebook, Yelp,) clustering techniques, Pandas dataframes, and MySQL database to collect, analyze, and visualize data
- Needs Assessment and Usability Testing – Card-sorting, Heuristic Evaluation, A/B testing, interviewing, and paper prototyping
- Building Interactive Applications - Building CRUD-oriented, database-backed websites using PHP and MySQL

AWARDS & RECOGNITIONS
- Dean's List – University of Michigan School of Information – Winter 2017
- Dean's List – University of Michigan School of Engineering – Winter 2015
- AP Scholar with Honors – 2014
- Commended for National Merit Scholarship Competition – 2014

TECHNICAL SKILLS

PROGRAMMING LANGUAGES – Python, SQL, HTML/CSS, PHP
PROGRAMMING ENVIRONMENTS – PyCharm, Sublime Text Editor, Jupyter Notebooks, MySQL, Microsoft SQL Manager

EMPLOYMENT

CONSULTING FOR STATISTICS, COMPUTING, AND ANALYTICS RESEARCH (CSCAR) • INTERN • SUMMER 2017
- Write and teach workshops to 25+ people on various Python topics (social media API's, web-scraping, Pandas, Python Basics) using Jupyter Notebooks
- Write programs such as log readers and create SQL databases to assist consultants at CSCAR

WEST QUADRANGLE RESIDENCE HALL • RESIDENT ADVISER • FALL 2017 – PRESENT
- Conduct hall meetings for 43 residents to convey information and ensure adherence to University policy
- Execute data entry for lost & found items, lockouts, mailbox codes, and lending library for 435 residents
- Implement organization systems to check in/sort resident mail & packages
- Calculate costs, organize supplies, and publicize dorm events (Presidential Debate viewings, Candy polls)

MOSHER-JORDAN RESIDENCE HALL • COMMUNITY ASSISTANT • FALL 2016 – WINTER 2017
MICHIGAN LEAGUE CATERING • SERVER • 2015 – PRESENT

RESEARCH

UNIVERSITY OF MICHIGAN TRANSPORTATION RESEARCH INSTITUTE • RESEARCH ASSISTANT • SUMMER 2017
- Coded dash-cam videos for independent variables of the study (gender, speed limit, acceleration, geolocation, etc)
- Transferred missing data from Excel Spreadsheets to Microsoft SQL Database

SLEEP AND CHRONOPHYSIOLOGY LABRATORY • U OF M DEPRESSION CENTER • RESEARCH ASSISTANT • SUMMER 2015
- Heitzig Study – Independently collected & analyzed REM cycle data from sleep tracking devices to analyze subject's sleep patterns

SLEEP CLINIC AND TESTING LABORATORIES • DOMINO'S FARMS • RESEARCH ASSISTANT • SUMMER 2015
- Conducted consultations with 15+ subjects and apply & collect sleep apnea devices from subjects in sleep lab

EXTRACURRICULAR ACTIVITIES

ANN ARBOR WEB DESIGN • FOUNDING MEMBER • MANAGING WEB DEVELOPER •WINTER 2017 – PRESENT
- Build websites for student organizations and local businesses using HTML/CSS
- Experience building a start-up esque organization from the ground up

ZETA OMEGA ETA • FOUNDING MEMBER • SECRETARY • TREASURER • FALL 2015 – PRESENT
- Assist in opening the University of Michigan chapter of Zeta Omega Eta
- Responsible for recruiting, financing, emailing, organizing sisterhood events, and maintaining cohesion of 50+ member organization

MICHIGAN POPS ORCHESTRA • VIOLINIST • FALL 2014 – WINTER 2016
- Refine skills in teamwork and leadership of a section to create a cohesive entity of 60+ musicians

INTERNATIONAL EXPERIENCE

COPENHAGEN • STOCKHOLM • SUMMER 2016
- Completed a course on gender in the DIS Program and compiled a photo-project on the aftermath of the Orlando night club tragedy

ROME • NAPLES • FLORENCE • INTERLAKEN • PARIS • SUMMER 2015
- Sharpened skill in navigation, planning daily schedules, communicating through language barriers, and working with a travel-mate

SYDNEY • CAIRNES • LEI, PAPUA NEW GUINEA • SINGAPORE • SUMMER 2014
- Shadowed family business 21C Limited – studied machinery, infrastructure, and management of the business