SAHIL SANGANI

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EDUCATION

University of California, Santa Cruz   Santa Cruz, CA

B.S. in Technology Information Management, concentration Computer Science   June 2017

- **Computer Science Coursework:** Data Structures, Foundations of Game Design, Computer Systems/ Assembly Language, Discrete Mathematics, Differential Equations, Algorithms and Abstract Data Types, Mobile Applications, Database Systems, Systems Analysis and Design, and Networking
- **Technology Information Management/Economics Coursework:** Business Information Systems, Management of Technology, Technology Supply Chain Management, Business Strategy and Information Systems (Senior Thesis Course), Microeconomics, Macroeconomics, Accounting, Entrepreneurial Organization & Leadership
- **Projects:** Created "Pication" – a location based social media application in which users can upload and view pictures and pins based on the location of the event; Several Hackathons (Major League Hacking)
- **Programming Languages:** Java, C, Python, HTML, JavaScript, SQL, CSS, and Behat
- **Organizations:** Gesher Group (Student run consulting firm), Association for Computing Machinery, and Indian Student Association (Dance and cultural club)
- **Business Skills:** Business Analysis, Android Studio, Leadership, Quality Assurance, Salesforce, Marketo, Microsoft Office, Excel Solver/Visual Basic, and Google Apps Suite (G Suite)

EXPERIENCE & INTERNSHIPS

VMware, Inc.   Palo Alto, CA

Software Engineering Intern   June 2016 – September 2016

- Developed a distributed system cluster analysis tool used to discover and analyze failure points and latencies
- Gained extensive knowledge of distributed systems, state machines, asynchronous dependencies, TCP/UDP, and update/WorkBlock queues
- Parsed support bundles and trace files to create a holistic evaluation and report using C and Python

MindTouch, Inc.   San Diego, CA

Product Management/Operations Intern   June 2015 – September 2015

- Enhanced Salesforce.com functionality to report key sales metrics and optimize sales workflow
- Analyzed and presented demand generation optimization strategy and created use cases for MindTouch's software integration with Salesforce
- Worked alongside MindTouch CEO to coordinate strategic initiatives for Salesforce's Dreamforce

MindTouch, Inc.   San Diego, CA

QA Engineer Intern   June 2014 – December 2014

- Developed automated tests for UI, functionality, usage, localization, and cross – browser compatibility
- Implemented industry – level best practices to standardize testing across the platform
- Tested, closed, and documented defects using Selenium, Jenkins, and other tracking and testing software

RESEARCH

University of California, Santa Cruz   Santa Cruz, CA

Developer and Project Lead, Project EZ Waste   September 2015 – March 2016

- Worked on an application that maximized waste management efficiency using industry parameters
- Integrated the application with existing waste management technology and used SQL, PHP, and JavaScript
- Created a variation of Prim's Algorithm for mapping and used C4.5 Algorithm for data analysis

Computer Science Tutor   November 2013 – Present

LEADERSHIP & AWARDS

- Gesher Group Leadership Team
- Petty Officer 3rd Class, United States Naval Sea Cadet Corps
- UCSD COSMOS Intel Research Grant Award
- First Place Annual San Diego Science and Engineering Fair(ISEF)
- International Science and Engineering Fair(ISEF) U.S Air Force Award
- First Place TiE Young Entrepreneurs Business Plan Competition
- Toshiba and National Science Teachers Association ExploraVision Award