

# BAKSHI, Pallav

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## EDUCATION

<b>The Hong Kong University of Science and Technology (HKUST)</b>	<b>Hong Kong</b>
<i>Bachelor of Engineering in Electronic and Computer Engineering (ECE)</i>	09/2013 – 07/2017
<ul style="list-style-type: none"><li>Minor in Entrepreneurship</li><li>First Class Honors, GGA = 3.62 (top 10% of graduating students)</li><li>First Year University Scholarship, HKUST Continuing UG-Student Scholarship Year 2 &amp; Year 3</li><li>Related coursework: Negotiation, Entrepreneurship, Java, Probability, Finance, Statistics, Machine Learning (EdX)</li></ul>	

## EMPLOYMENT

<b>Morgan Stanley</b>	<b>Hong Kong</b>
<i>Summer Analyst, Technology and Data</i>	06/2016 – 08/2016
<ul style="list-style-type: none"><li>Designed solutions to automate the report monitoring system employed by Morgan Stanley</li><li>Automated the processes that previously required IT service desk assistance and a period of 24 hours to carry out</li><li>Implemented the engineered solution using full-stack development tools and frameworks – ExtJS, HTML/CSS/JS, Spring, Java, SQL</li><li>Deployed enhancements to the report monitoring system used by Morgan Stanley internationally</li></ul>	
<b>VF Asia (Timberland, Vans, The North Face, Nautica, Lee and 30+ brands)</b>	<b>Hong Kong</b>
<i>Summer Associate, Global Business Technology</i>	06/2015 – 07/2015
<ul style="list-style-type: none"><li>Provided more than 15 training sessions to over 100 associates relating to Smart 3D Boards, Skype for Business, OneNote and Unity (VF Cloud Service)</li><li>Set up a cluster of IBM X-Series servers to create a virtual software testing lab</li><li>Collaborated with network engineers in laying out and setting up of the network infrastructure for the new office</li></ul>	

<b>Living Media - India Today Group (Leading media conglomerate)</b>	<b>India</b>
<i>Sales and Marketing Intern, India Today Magazine (18 Million readers)</i>	20/06/2014 – 19/07/2014
<ul style="list-style-type: none"><li>Coordinated with new and existing customers to discuss market expansion strategies with the help of media platforms provided by India Today</li><li>Analyzed ratings and strategic features of competitors' advertisement campaigns to evaluate and improve India Today's effectiveness in the space</li></ul>	

## PROJECTS

<b>FLIZZ: Personal Portfolio Mobile App</b>	<b>India</b>
<i>Self-Initiated Project</i>	15/11/2017 – 15/1/2018
<ul style="list-style-type: none"><li>Developed a cross-platform (iOS &amp; Android) mobile app to showcase my profile and projects using React-Native, Nodejs, Express &amp; MongoDB</li><li>Deployed the mobile app to Google Play Store: <a href="https://goo.gl/1HuUjw">https://goo.gl/1HuUjw</a></li></ul>	
<b>Indoor Localization and Navigation for autonomous rover, HKUST</b>	<b>Hong Kong</b>
<i>Final Year Project under ECE UG Coordinator</i>	10/2016 – 05/2017
<ul style="list-style-type: none"><li>Awarded "The Best FYP" Bronze award out of 72 FYP projects; link to the final self-driving car: <a href="https://youtu.be/2WZ99LldBO8">https://youtu.be/2WZ99LldBO8</a></li><li>Designed an algorithm to recognize indoor location of a robot based on the depth map received from the depth sensor</li><li>Programmed kobuki/iCreate base to navigate inside HKUST campus using ROS, SLAM, OpenCV, Python &amp; MATLAB, avoiding obstacles and other possible barriers</li></ul>	

## EXTRACURRICULAR ACTIVITIES

<b>School of Engineering (SENG), HKUST</b>	<b>Hong Kong</b>
<i>Head Engineering Student Ambassador</i>	09/2016 – 06/2017
<b>Quality Assurance at HKUST</b>	<b>Hong Kong</b>
<i>Undergraduate Representative on the Board of Teaching and Learning Quality Committee</i>	03/2015 – 03/2016
<b>Undergraduate Research Opportunity (UROP), HKUST</b>	<b>Hong Kong</b>
<i>Undergraduate Researcher under ECE Department Head</i>	08/2014 – 12/2014

**Software Stack:** Python, R, MATLAB, OpenCV (Computer Vision), React-Native, Express, MongoDB, HTML, CSS, JS, C++ (Basic), JAVA (Basic), AWS and Hadoop (Basic)